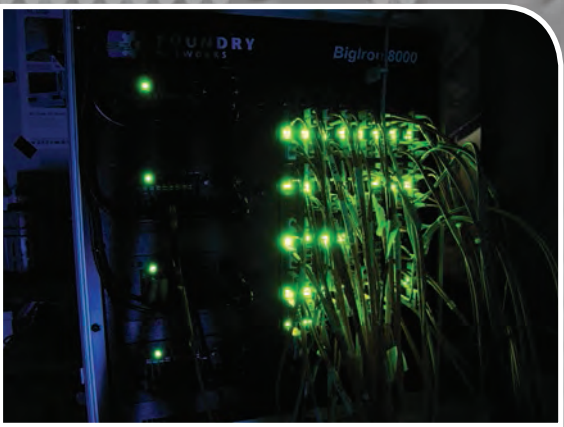
ELECTROPAR

PREFORMED LINE PRODUCTS



rack technologies catalogue

PLP Rack Technologies Limited

ELECTROPAR

PREFORMED LINE PRODUCTS

PLP Rack Technologies Limited

rack technologies catalogue

Also available:

- power transmission & distribution
- control & hazardous area
- components
- communications
- rack technologies
- salisbury
- grafoplast
- marine

rack technologies catalogue

PLP Rack Technologies Limited

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COMPANY OVERVIEW

About Us...

Established in 1950, Electropar PLP is a leading provider of electrical engineering solutions for the Australasian electrical transmission and distribution, defence and industrial sectors.

Electropar's design, development and manufacturing strength; together with its market-leading distribution portfolio, enables the Company to offer a comprehensive product range through its four divisions.

Power Distribution and Transmission ("PDT") – Electropar is recognised as being a leading supplier of custom designed cable componentry and hardware for the electrical transmission, distribution and wind generation sectors.

Control and Defence – Electropar provides sophisticated electrical control solutions to the specialist marine (navy), petrochemical, industrial and agricultural sectors.

Components and Communications – Electropar distributes a wide range of electrical-related consumables and supporting componentry to the electrical OEM and repair sectors. In addition, Electropar is heavily involved in the communications market segment, specifically the provision of hardware and closures for overhead and underground ADSS and OPGW fibre systems

Rack Technologies – Electropar manufactures free standing and wall mount data cabinets together with all of the accessories to connect and power the electronic devices therein

Electropar's headquarters, manufacturing and primary distribution facility is based in Auckland, New Zealand with the Company operating sales and distribution offices in Wellington and Christchurch.

Rack Technologies...

Welcome to section 5, of the 9 section, Electropar PLP catalogue series.

Electropar PLP's Rack Technologies Division presents the most diverse range of Data Cabinets, Open Frames and Cabinet Accessories in NZ. Manufactured in East Tamaki, Auckland, the Rack Technologies brand is well known for product quality and design innovation backed by the best applications engineering and quality customer service within the data cabinet industry.

In addition to the range of standard cabinets, open frames and accessories detailed in this catalogue Rack Technologies has the ability to provide customised data cabinet solutions for niche applications. Military applications, high seismic withstand applications and power utility (substation) applications are area's where Rack Technologies has developed the right solution both in functional and commercial terms. If you are looking for something and it's not in the catalogue please ASK!

Since joining Electropar in early 2011, Rack Technologies has expanded its manufacturing capability and stockholding to ensure that the right product is delivered on specification, on budget, on time every time

PLP Rack Technologies Limited

CATALOGUE SERIES

Electropar - PLP Catalogue Series

SECTION ONE

power transmission & distribution catalogue

Includes ...

- PREFORMED™ Deadends
- Distribution & Side Ties
- PREFORMED™ Splice, Armor Rods, Lineguards
- ARMOR-GRIP Suspension
- VORTX™ Dampers
- Suspension Clamps
- Safety Service Disconnector
- Copper Terminals & Joints
- Bimetal Compression Joints
- Aluminium Compression Joints
- Overhead Compression Fittings
- Hardware Fittings
- Guy/Stay Guards
- Cable Stockings
- Overhead Accessories

SECTION TWO

control & hazardous area catalogue

Includes ...

- Stahl Consig 8040 Series
- Stahl Exe Installation Equipment
- Stahl Mini Clix
- Ex Light Fittings
- Control Panels/Terminal Enclosures
- Stahl Ex Position Switches
- Ex Tools & Intrinsic Safety
- IS Pac Exi Intrinsic Safety
- Human Machine Interface Panels
- Cmp Product Range (Glands, Reducers, Adapters)
- Stahl Glands, Reducers, Adapters
- LMK - Themosafe
- e2s Product Range
- Cabur - Terminal Blocks

SECTION THREE

components catalogue

Includes ...

- Sheet Insulations
- RSG Cable
- RS Wire & Hook-Up Cable
- Copper Winding Wire
- Sleeving, Tube & Cord
- Fibreglass & Polyester Tapes
- Motor Fans
- Motor Start Capacitors
- Motor Repair Components
- Motor Start Switch
- Vanish & Resin
- Dow Corning Electrical Silicones
- Fire Stopping

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CATALOGUE SERIES

Electropar - PLP Catalogue Series

SECTION FOUR

communications catalogue

Includes ...

- ADSS Fitting & Accessories
- FIBERLIGN® Deadends
- FIBERLIGN® Clamps
- Fiber Optic Supports
- FIBERLIGN® Spiral Dampers
- COYOTE® Closures
- COYOTE® GLC Closures
- FibreGuard™ Closures
- COYOTE® Silicone Grommet Kits
- COYOTE® Splice Trays
- COYOTE® DTC Closures, Wall plates
- Hardware Fittings
- ADSS Accessories

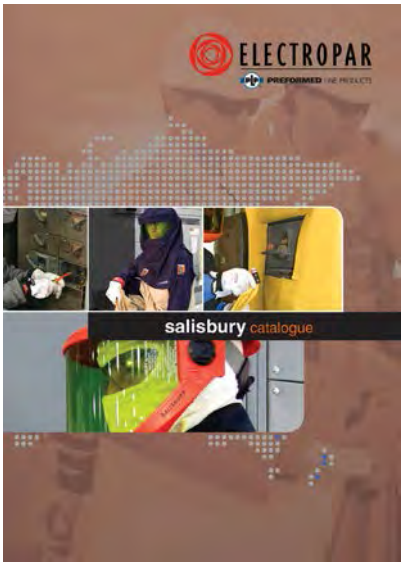
SECTION FIVE

rack technologies catalogue

Includes ...

- Rack Technology Cabinet Series
- 19" & 26" Cabinet Series
- Server Racks
- Wall Cabinets
- IQ Open Frame Series
- Open Frame Series
- RT Open Frame Series
- Cabinet Accessories
- Cable Management
- Industrial & IP Rated Cabinets
- Cyberpower UPS Systems
- Cable Marking

SECTION SIX



salisbury catalogue

Includes ...

- Linemen's Gloves & Sleeves
- Insulating Blankets
- Roll & ARC Suppression Blankets
- Dielectric Footwear
- ARC Flash Kits
- Face Shield & Accessories
- ARC Flash Hoods
- PRO-WEAR® Clothing
- ARC Flash Clothing Kits
- PVC Nomex® Rain Suit
- LV Switchboard Rescue Kit
- Line Hose & Connectors
- Cutout Covers, Pole Gaurds, Conductor Covers
- Insulated Tool Kits
- Earthing

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www.electropar.co.nz

Electropar - PLP Catalogue Series

SECTION SEVEN

grafoplast catalogue

Includes ...

- Inhouse Label Printing To Order Services
- Si2K Thermal Printer
- Trasp System Markers
- Trasp System Sleeves
- Trasp System Straps & Ties
- Trasp For Terminal Blocks
- Trasp System Snap Ons
- Trasp System Spark Terminals
- Trasp System Insulated Terminals
- Trasp System Special Sleeves
- Trasp System tools

SECTION EIGHT

marine catalogue

Includes ...

- Lighting Controls
- Junction Boxes
- Terminal Boxes
- Plugs & Sockets
- New Products
- Custom Options

SECTION NINE

rack technologies nz defence edition

Includes ...

- Freestanding Secure NZ Defence Standard Cabinets
- Wall Mounted Secure NZ Defence Standard Cabinets
- Cabinet Accessories
- Cable Management
- Cable Marking

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SEISMIC RATED

Rack Technologies has completed an extentsive exercise to have our floor cabinets seismic tested. Our aim was to partake in a universal test to prove beyond doubt the strength and reliability of our cabinets.

Upon embarking on a search for an available international standard regarding loading and strength, we found out the only standard close to and relevant to this was the Seismic Load Standard to Bellcore's Generic requirement GR-63-CORE Issue 1 October 1995.

This standard was founded in the United States where earthquakes are common and all kind of structures are required to be able to withstand great unstabalizing force.

We have worked in conjunction with the University of Technology Sydney to achieve our aim which has resulted in an impressive conclusion.

Rack Technologies cabinets are approved for earthquake risk zone 4. Although earthquakes are not a major concern in Australia this achievement does however clearly demonstrate the strength and reliability of our cabinets.

PLP Rack Technologies Limited

Specification Sheet

Quality Assurance

Rack Technologies is compliant with the Australian Standard as approved by Global Mark to the Quality Management System Standards: AS/NZS ISO9001/2000 Certificate No: 100660.

global-mark®

Certificate of Approval

This certificate confirms that the company below complies with the following standard:

Company Name	Preformed Line Products Australia Pty Ltd
Company Other Name	
Client ID	100660
Certification Standard	AS/NZS ISO9001-2000: Quality Management Requirements
Scope of Certification	Design, manufacture and stockholding of hardware fittings and assemblies for overhead power transmission and distribution. Manufacture and stockholding of hardware fittings and assemblies for aerial and optical fibre cable. Manufacture and stockholding of communication and data equipment. Manufacture of plastic injection mouldings and extrusions for power transmission, distribution and general industries. Design and manufacture of metal cabinets and racking systems for electronic and similar equipment.
Type of Certification	Management System

CERTIFICATE DATES:

Certification Review Date	13/02/2008
Certification Expiry Date	13/02/2011
Certificate Issue Date	19/02/2008
Certificate Last Update Date	

APPROVED COMPANY/SITE ADDRESS:

190 Power Street Glendenning 2761 NSW Australia

The use of the Accreditation Mark indicates accreditation by the Joint Accreditation System of Australia and New Zealand in respect to those activities covered by JAS-ANZ accreditation.

Refer to www.jas-anz.com.au/register for verification.

This certification remains valid until the above mentioned expiry date and subject to the organisation's continued compliance with the certification standard, and Global-Mark's Terms and Conditions.

of Approval remains the property of Global-Mark Pty Ltd, Company Number: ACN.108-087-654

Certification Manager

Global-Mark Pty Ltd, Copyright 2005

Frame Material and Construction

Rack Technologies Free Standing Cabinet Frames are constructed from extrusions made from corrosion resistant aluminium (6060T5) produced to Australian Standard AS1866. The extrusion is pressed fitted to solid cast aluminium corners (AE401) and finished in a grey nurse texture (961-37543) powder coat to Australian Standards AS3715.

In addition, every joint is positively locked together with six counter sunk screws. All screws are located on the non-visual faces of the cabinet and are concealed by the top and side panels to ensure security.

All Rack Technologies components are zinc phosphate treated prior to the application of the powder coat. Floor

Cabinets are available in 19” mounting (625mm external width, 625mm Depth) and 26” mounting (805mm external width, 805mm Depth).

Side & Top Panels

Side panels feature quick release clips. Side panels are lockable and have lower ventilation slots as standard features and sit flush with the cabinet. Top panels are made with provision for two or four fan configurations and come with three electrical knockouts and sit internally flush. Fans can also be retro fitted. Both components are made from 1.2mm steel and powder coated.

Doors

Doors are made from 1.6mm steel and are powder coated. For viewing equipment 4.5mm tinted acrylic is fitted to the inside with industrial adhesive. Four styles of doors are available being Acrylic, Steel, Vented Acrylic and Steel Perforated. All styles of doors are available in different locking configurations being three-point lock or with Bi-Locks. All are easily removable without the use of any tools. Doors sit flush and secure within the cabinet frame with concealed quick release hinges for extra security and can be hung left or right.

Mounting Rails

Both styles of mounting rails L-Rail and S-Rail are fully adjustable to suit most applications. L-Rails are moveable in 1mm increments to suit special needs and are specially designed for accommodation of servers. S-Rails are movable in 10mm increments. Both rails are very user friendly and able to be moved with the use of a phillips head screwdriver. RU mounting holes are 9.5mm square and are designed for M6 cagenuts, and are constructed from 1.6mm zinc annealed steel.

Rack Technologies Enclosures Comply with the International Standard IEC297

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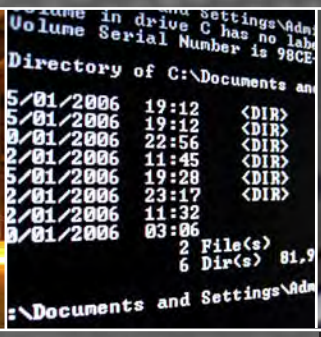
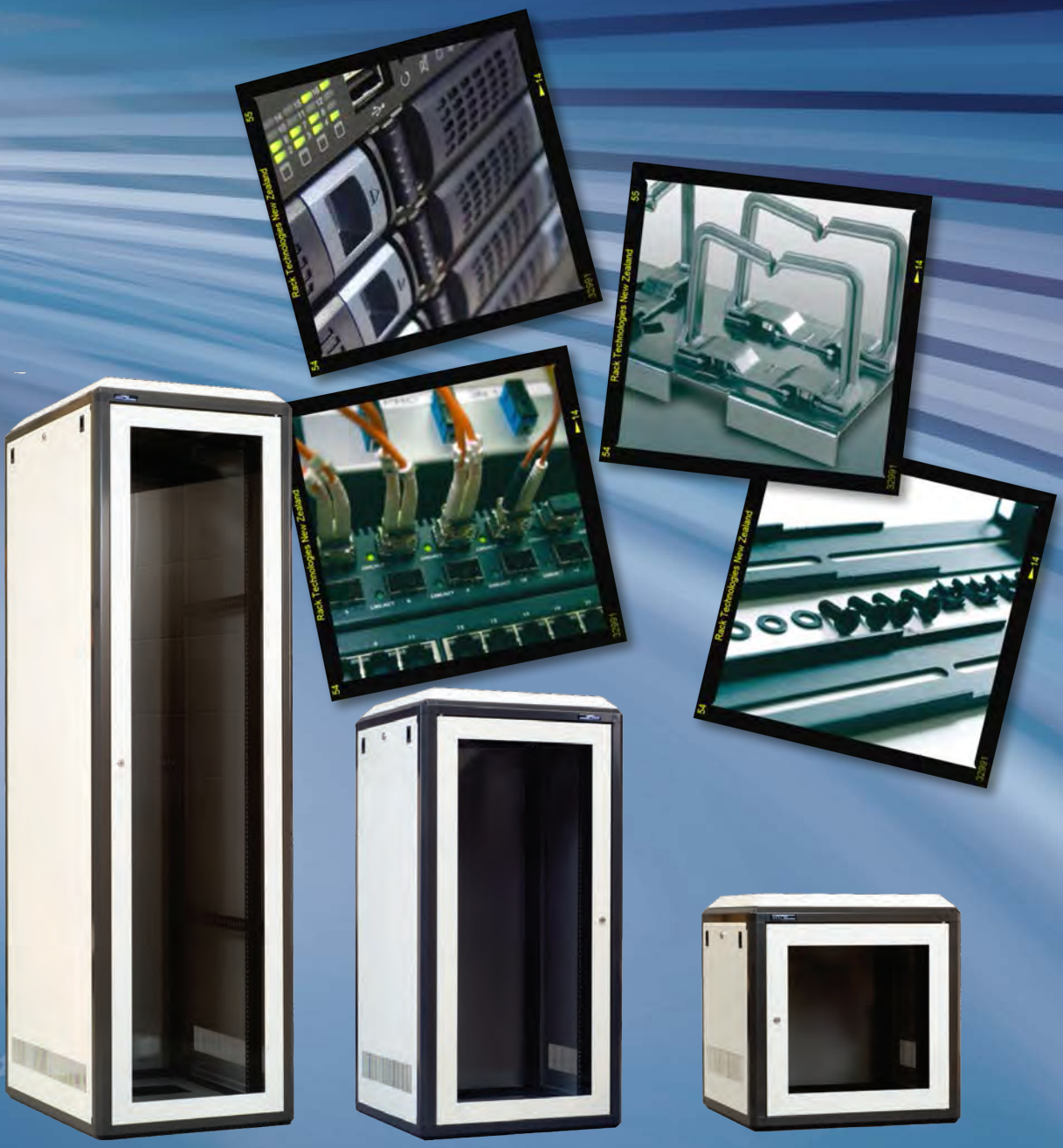
19” & 26”

cabinets
server racks
wall cabinets
cabinet accessories



19” & 26” cabinets

RACK TECHNOLOGIES NEW ZEALAND



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DEFINITIONS FOR FREESTANDING CABINETS

Legend: How to define code numbers

- The first 1 or 2 characters are letters defining the cabinet option.

CF = Cabinet Frame
Only Comes With Front Mounting Rails Only.

C = Basic Cabinet
Comes With Cabinet Frame, Front Mounting Rails, Top Panel And 2 Side Panels.

CC = Complete Cabinet
Comes With Cabinet Frame, Front Mounting Rails, Top Panel, 2 Side Panels, Rear Mounting Rails, Front Acrylic Door And Steel Rear Door.

- The next 2 characters are numeric and define the height of the cabinet in Rack Units.

12 = 12RU 24 = 24RU 38 = 38RU
18 = 18RU 30 = 30RU 45 = 45RU

- The following 2 characters are numeric and define the Depth and Width of the Cabinet.

19" Cabinet - 625mm Deep
03 = 600 Deep 19" Wide
04 = 800 Deep 19" Wide
10 = 900 Deep 19" Wide
01 = 1000 Deep 19" Wide
08 = 1200 Deep 19" Wide

26" Cabinet - 805mm Deep
05 = 600 Deep 26" Wide
06 = 800 Deep 26" Wide
00 = 900 Deep 26" Wide
07 = 1000 Deep 26" Wide
09 = 1200 Deep 26" Wide

A suffix may be added to the Part no. to make the cabinet a File Server Cabinet Configuration. This is only applicable to CC or Complete Cabinets.
-F = File Server configuration

So to define a cabinet that is 38 RU high and 600mm Deep that does not require panels and only has Front Mounting Rails would be:
CF + 38 + 03 = CF3803

So to define a cabinet that is 45 RU high and 900mm Deep that does require all the panels and will be used in a File Server environment would be:
CC + 45 + 10 = CC4510-F

Cabinet Examples

Complete Cabinet	Number of RU's	Depth/Width of Cabinet	Enclosure Number = End Result
CC	12	3	CC1203
CC	18	10	CC1810
CC	45	5	CC4505
CC	45	6	CC4506

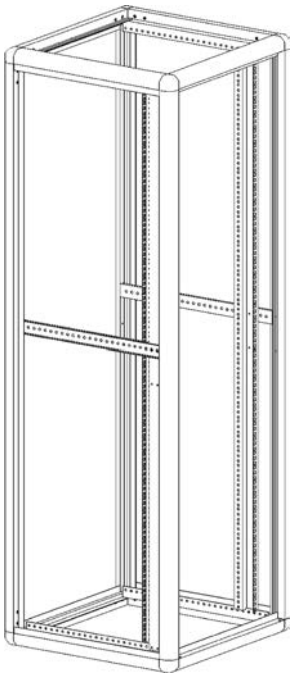
Loadable Weight
- 19" Cabinet = 800kg Max
- 26" Cabinet = 600kg Max (1 tonne with special mods or greater)

CABINETS DEFINITIONS

C Series Cabinet Definitions

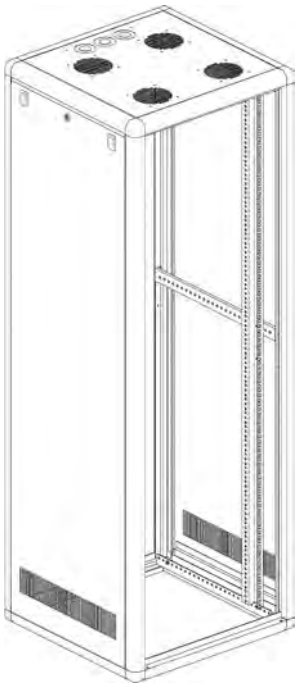
Family Group
C**11 ACRYLIC DOOR C**41 MOUNTING RAILS
C**21 STEEL DOOR C**51 CABLE TRAY
Family Group Applies To All Of The C, CC, CF and CC-F Series

Note: Refer page 32 for door details.



CF Series (Cabinet Frame Assembly)

Stock No.	Unit Detail
CF SERIES	Available in 6 different height configurations: 12RU, 18RU, 24RU, 30RU, 38RU, 45RU Features: • Frame • Front Shelf Rails



C Series (Basic Cabinet Assembly)

Stock No.	Unit Detail
C SERIES	Available in 6 different height configurations: 12RU, 18RU, 24RU, 30RU, 38RU, 45RU Features: • Frame • Front Shelf Rails • 2 Side Panels • 1 Top Panel NO Rear Shelf Rails NO Acrylic Door NO Steel Door

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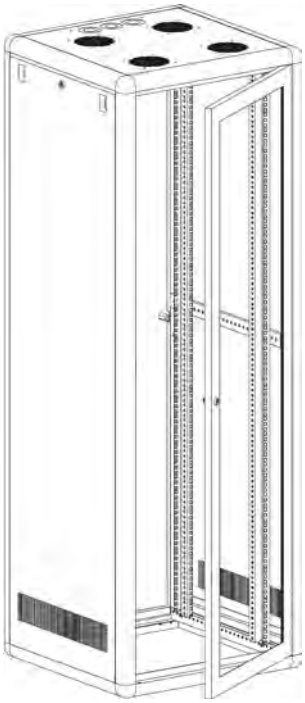
CABINETS DEFINITIONS

C Series Cabinet Definitions

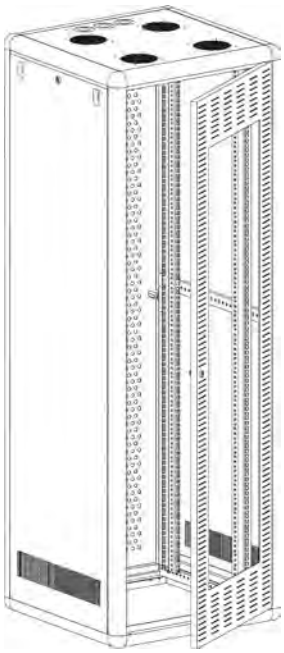
Family Group
C**11 ACRYLIC DOOR C**41 MOUNTING RAILS
C**21 STEEL DOOR C**51 CABLE TRAY
Family Group Applies To All Of The C, CC, CF and CC-F Series

Note: Refer page 32 for door details.



CC Series (Complete Cabinet Assembly)

Stock No.	Unit Detail
CC SERIES	Available in 6 different height configurations: 12RU, 18RU, 24RU, 30RU, 38RU, 45RU Features: • Frame • Front Shelf Rails • Rear Shelf Rails • Acrylic Front Door • Steel Rear Door • 2 Side Panels • Top Panel

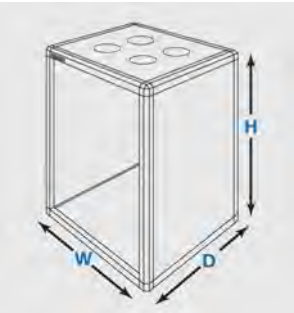


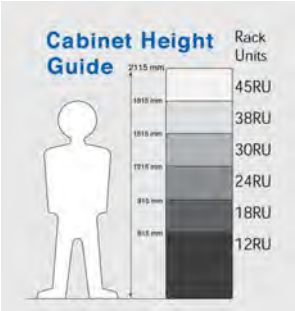
CC-F Series (File Server Cabinet Assembly)

Stock No.	Unit Detail
CC-F SERIES	Available in 6 different height configurations: 12RU, 18RU, 24RU, 30RU, 38RU, 45RU Features: • Frame • L-Shaped Front Shelf Rails • L-Shaped Rear Shelf Rails • Vented Acrylic Front Door • Steel Perforated Rear Door • 2 Side Panels • Top Panel

19” CABINET SERIES

19” RU Complete Cabinets





Rack Units

45RU - 2115mm

38RU - 1815mm

30RU - 1515mm

24RU - 1215mm

18RU - 915mm

12RU - 615mm

12RU Complete Cabinets (CC)

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70120320	CC1203	615mm	625mm	605mm	530mm	540mm	520mm
70120420	CC1204	615mm	625mm	805mm	530mm	540mm	720mm
70121020	CC1210	615mm	625mm	905mm	530mm	540mm	820mm
TBA	CC1201	615mm	625mm	1005mm	530mm	540mm	920mm

Note: Add-L to the part number for the L Rails.

18RU Complete Cabinets (CC)

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70180320	CC1803	915mm	625mm	605mm	830mm	540mm	520mm
70180420	CC1804	915mm	625mm	805mm	830mm	540mm	720mm
70181020	CC1810	915mm	625mm	905mm	830mm	540mm	820mm
TBA	CC1801	915mm	625mm	1005mm	530mm	540mm	920mm

Note: Add-L to the part number for the L Rails.

24RU Complete Cabinets (CC)

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70240320	CC2403	1215mm	625mm	605mm	1130mm	540mm	520mm
70240420	CC2404	1215mm	625mm	805mm	1130mm	540mm	720mm
70241020	CC2410	1215mm	625mm	905mm	1130mm	540mm	820mm
70240120	CC2401	1215mm	625mm	1005mm	1130mm	540mm	920mm

Note: Add-L to the part number for the L Rails.

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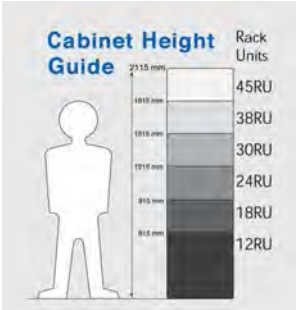
19” CABINET SERIES

19” RU Complete Cabinets



Rack Units

45RU - 2115mm

38RU - 1815mm

30RU - 1515mm

24RU - 1215mm

18RU - 915mm

12RU - 615mm

30RU Complete Cabinets (CC)

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70300320	CC3003	1515mm	625mm	605mm	1430mm	540mm	520mm
70300420	CC3004	1515mm	625mm	805mm	1430mm	540mm	720mm
70301020	CC3010	1515mm	625mm	905mm	1430mm	540mm	820mm
70300120	CC3001	1515mm	625mm	1005mm	1430mm	540mm	920mm

Note: Add-L to the part number for the L Rails.

38RU Complete Cabinets (CC)

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70380320	CC3803	1815mm	625mm	605mm	1730mm	540mm	520mm
70380420	CC3804	1815mm	625mm	805mm	1730mm	540mm	720mm
70381020	CC3810	1815mm	625mm	905mm	1730mm	540mm	820mm
70380120	CC3801	1815mm	625mm	1005mm	1730mm	540mm	920mm

Note: Add-L to the part number for the L Rails.

45RU Complete Cabinets (CC)

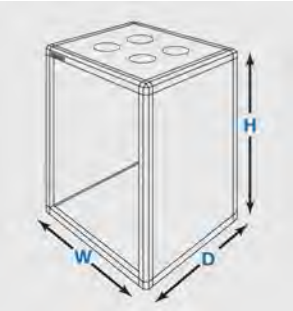
Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70450320	CC4503	2115mm	625mm	605mm	2030mm	540mm	520mm
70450420	CC4504	2115mm	625mm	805mm	2030mm	540mm	720mm
70451020	CC4510	2115mm	625mm	905mm	2030mm	540mm	820mm
70450120	CC4501	2115mm	625mm	1005mm	2030mm	540mm	920mm
70450820	CC4508	2115mm	625mm	1205mm	2030mm	540mm	1120mm

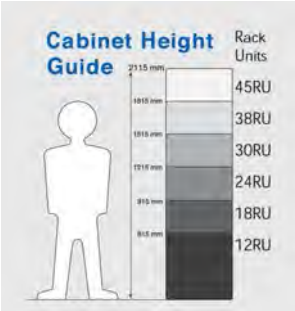
Note: Add-L to the part number for the L Rails.

freephone | 0800.733.735
freefax | 0800.733.736
mail@electropar.co.nz
www.electropar.co.nz

26” CABINET SERIES

26” RU Complete Cabinets





Rack Units

45RU - 2115mm

38RU - 1815mm

30RU - 1515mm

24RU - 1215mm

18RU - 915mm

12RU - 615mm

38RU Cabinets: Available in 5 Depths

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70380520	CC3805	1815mm	805mm	605mm	1730mm	720mm	520mm
70380620	CC3806	1815mm	805mm	805mm	1730mm	720mm	720mm
70380020	CC3800	1815mm	805mm	905mm	1730mm	720mm	820mm
70380720	CC3807	1815mm	805mm	1005mm	1730mm	720mm	920mm
on request	CC3809	1815mm	805mm	1205mm	1730mm	720mm	1120mm

45RU Cabinets: Available in 5 Depths

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
70450520	CC4505	2115mm	805mm	605mm	2030mm	720mm	520mm
70450620	CC4506	2115mm	805mm	805mm	2030mm	720mm	720mm
70450020	CC4500	2115mm	805mm	905mm	2030mm	720mm	820mm
70450720	CC4507	2115mm	805mm	1005mm	2030mm	720mm	920mm
70450920	CC4509	2115mm	805mm	1205mm	2030mm	720mm	1120mm

Designed to convert the shelf rails in a 26” cabinets to 19”
9070 4 off required for a 38RU
9070 8 off required for a 45RU
Stock No. 70907000

Vertical Cable Management System (Optional)
RT No. iQCM4550
Stock No. 70455050

26” cabinet is designed to accommodate 19” rack mounting or a combination of 19” and 26”

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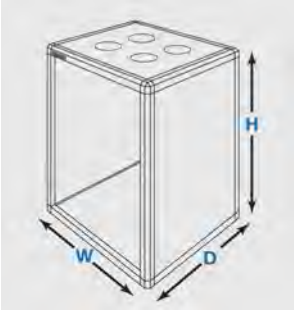
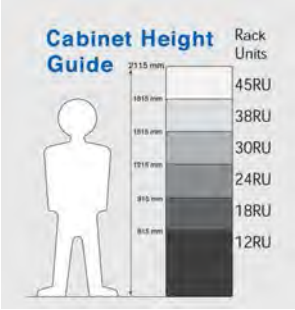
SERVER RACKS

19” RU Server Racks





Rack Units

45RU - 2115mm

38RU - 1815mm

30RU - 1515mm

24RU - 1215mm

18RU - 915mm

12RU - 615mm

38 RU - 19”

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
TBA	CC3810-F	1815mm	700mm	905mm	1730mm	540mm	820mm
TBA	CC3801-F	1815mm	700mm	1005mm	1730mm	540mm	920mm

45 RU - 19”

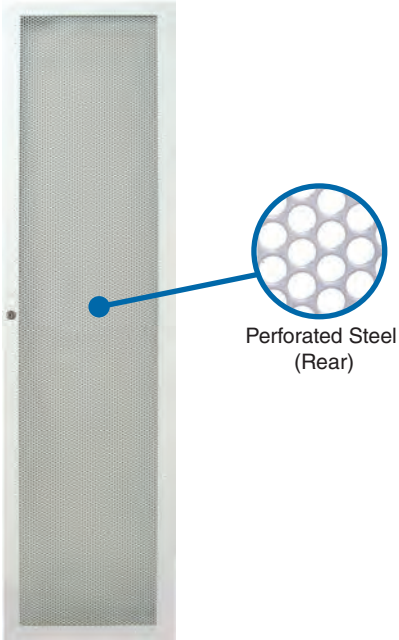
Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
TBA	CC4510-F	2115mm	625mm	905mm	2030mm	540mm	820mm
TBA	CC4501-F	2115mm	625mm	1005mm	2030mm	540mm	920mm

19”

All 19” Server Racks come standard with:
- vented perspex (front)
- perforated steel (rear)

All 19” Server Racks come complete with:
- L-shaped Mounting Rails

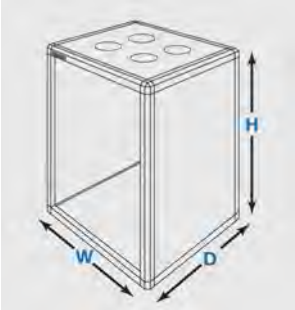
High air flow mesh doors available upon request.

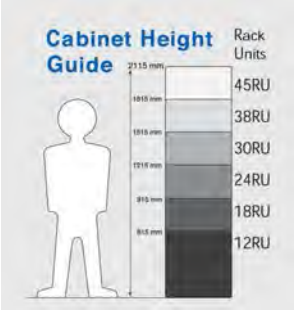


Perforated Steel
(Rear)

SERVER RACKS

26” RU Server Racks





Rack Units

45RU - 2115mm

38RU - 1815mm

30RU - 1515mm

24RU - 1215mm

18RU - 915mm

12RU - 615mm

38 RU - 26”

Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
TBA	CC3800-F	1815mm	805mm	905mm	1730mm	720mm	820mm
TBA	CC3807-F	1815mm	805mm	1005mm	1730mm	720mm	920mm

45 RU - 26”

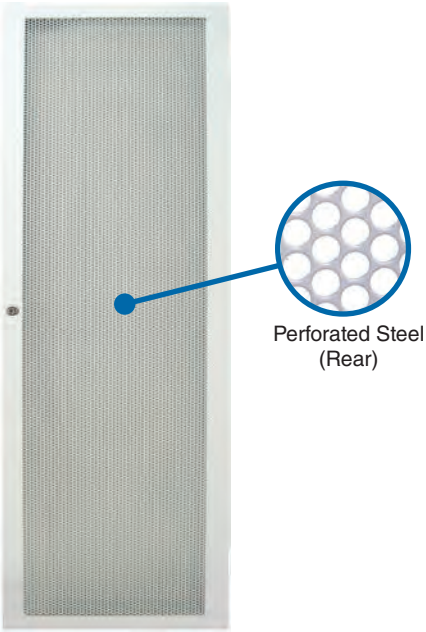
Enclosure		External Dimentions			Internal Dimensions		
Stock No.	RT No.	Height	Width	Depth	Height	Width	Depth
TBA	CC4500-F	2115mm	805mm	905mm	2030mm	720mm	820mm
TBA	CC4507-F	2115mm	805mm	1005mm	2030mm	720mm	920mm

26”

All 26” Server Racks come standard with:
- vented perspex (front)
- perforated steel (rear)

All 26” Server Racks come complete with:
- 2 sets of L-shaped Mounting Rails

26” Server Racks rails are set at 26” unless requested at 19” and converter brackets need to be ordered to convert to 19” standard



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WALL CABINETS

19" RU Wall Cabinets

Table for Wallmount Cabinet		
Size	Height	Width
6RU	380	535
12RU	600	535
18RU	870	535
24RU	1135	535
30RU	1400	535

All Rack Technologies Wall Cabinets Feature:
- Quick release hinges make for ease of installation.
- Acrylic and steel doors available left or right swing.
- Hinge wall bracket is lockable and contains "punch outs" for cable entry.
- Hinge wall bracket adds 60mm to the depth.
- Acrylic or steel door adds 20mm to the depth.
- Fully welded body, vented sides, adjustable shelf rails.
- Cabinet can be fixed directly to the wall or attached to hinge wall bracket.
- 20kg Weight Loading Per Hinge.

Dimensions on Hinge
60mm deep

All Cabinets come with
Knock Out for Cable Entry

6RU 19" Series

Stock No.	RT No.	Height	Width	Depth	Description
70061360	WC613	380mm	535mm	350mm	acrylic door
70061460	WC614	380mm	535mm	350mm	steel door
70061860	WC618	380mm	535mm	350mm	acrylic door & hinge
70061960	WC619	380mm	535mm	350mm	steel door & hinge
70062360	WC623	380mm	535mm	450mm	acrylic door
70062460	WC624	380mm	535mm	450mm	steel door
70062860	WC628	380mm	535mm	450mm	acrylic door & hinge
70062960	WC629	380mm	535mm	450mm	steel door & hinge
70063860	WC638	380mm	535mm	600mm	acrylic door
70061260	WC612	-	-	-	6RU Hinged Frame
70061460	W614	-	-	-	6RU Shelf Rail

12RU 19" Series

Stock No.	RT No.	Height	Width	Depth	Description
70121360	WC1213	600mm	535mm	350mm	acrylic door
70121460	WC1214	600mm	535mm	350mm	steel door
70121860	WC1218	600mm	535mm	350mm	acrylic door & hinge
70121960	WC1219	600mm	535mm	350mm	steel door & hinge
70122360	WC1223	600mm	535mm	450mm	acrylic door
70122460	WC1224	600mm	535mm	450mm	steel door
70122860	WC1228	600mm	535mm	450mm	acrylic door & hinge
70122960	WC1229	600mm	535mm	450mm	steel door & hinge
70123360	WC1233*	600mm	535mm	600mm	acrylic door &4 shelf rails (2 sets)
70123861	WC1238	600mm	535mm	600mm	acrylic door + hinge Front & rear rails
70122560	WC1225	-	-	-	12RU Hinged Frame
70124160	W1241	-	-	-	12RU Shelf Rail

- WC**33 has provision for 2 fan unit.

WALL CABINETS

19” RU Wall Cabinets

Table for Wallmount Cabinet		
Size	Height	Width
6RU	380	535
12RU	600	535
18RU	870	535
24RU	1135	535
30RU	1400	535

All Rack Technologies Wall Cabinets Feature:
- Quick release hinges make for ease of installation.
- Acrylic and steel doors available left or right swing.
- Hinge wall bracket is lockable and contains “punch outs” for cable entry.
- Hinge wall bracket adds 60mm to the depth.
- Acrylic or steel door adds 20mm to the depth.
- Fully welded body, vented sides, adjustable shelf rails.
- Cabinet can be fixed directly to the wall or attached to hinge wall bracket.
- 20kg Weight Loading Per Hinge.

All Cabinets come with
Knock Out for Cable Entry

Dimensions on Hinge
60mm deep

18RU 19” Series

Stock No.	RT No.	Height	Width	Depth	Description
70181360	WC1813	870mm	535mm	350mm	Acrylic door
70181460	WC1814	870mm	535mm	350mm	steel door
70181860	WC1818	870mm	535mm	350mm	acrylic door & hinge
70181960	WC1819	870mm	535mm	350mm	steel door & hinge
70182360	WC1823	870mm	535mm	450mm	acrylic door
70182460	WC1824	870mm	535mm	450mm	steel door
70182860	WC1828	870mm	535mm	450mm	acrylic door & hinge
70182960	WC1829	870mm	535mm	450mm	steel door & hinge
70183360	WC1833*	870mm	535mm	600mm	acrylic door & 4shelf rails (2 sets)
70183860	WC1838	870mm	535mm	600mm	perspex door + hingeFront & rear rails
70182560	WC1825	-	-	-	18RU Hinged Frame
70184160	W1841	-	-	-	18RU Shelf Rail

- WC**33 has provision for 2 fan unit.

24RU 19” Series

Stock No.	RT No.	Height	Width	Depth	Description
70242360	WC2423	1135mm	535mm	450mm	acrylic door
70242860	WC2428	1135mm	535mm	600mm	acrylic door & hinge
70242460	WC2424	1135mm	535mm	450mm	steel door
70242960	WC2429	1135mm	535mm	450mm	steel door & hinge
70243360	WC2433*	1135mm	535mm	600mm	acrylic door & 4 shelfrails (2 sets)
70241260	WC2412	-	-	-	24RU Hinged Frame
70244160	W2441	-	-	-	24RU Shelf Rail

30RU 19” Series

Stock No.	RT No.	Height	Width	Depth	Description
70302260	WC3022	1400mm	535mm	450mm	body only
70302360	WC3023	1400mm	535mm	450mm	acrylic door
70302460	WC3024	1400mm	535mm	450mm	steel door
70302860	WC3028	1400mm	535mm	450mm	acrylic door & hinge
70302960	WC3029	1400mm	535mm	450mm	steel door & hinge
70301260	WC3012	-	-	-	30RU Hinged Frame
70302441	W3041	-	-	-	30RU Shelf Rail

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iQ Open Frame Series

iQ open frame series
open frame series
cable management

iQ open frame series

iQ Open Frame Series

The iQ Open Frame series has been designed specifically for high density patching applications associated with Data Centres.

There are several cable management options available utilising the Rack Technologies T-Finger design. The vertical cable managers are available in widths of 150mm, 300mm and 400mm.

The iQ Open Frame Rack can be bayed as many times as required in conjunction with the vertical cable management system.

The 2-way hinged door cover design allows for ease of cable management as well as a neat and tidy finish.

The iQ series 2-post open frame has a 500kg UDL load rating (dependent on application), while 4-post open frames have a 1000kg UDL load rating.

iQ Series Basic Frame Inclusions
- Frame
- RU labels (2x) - factory installed

iQ Series Open Frame

Stock No.	RT No.	Description
On Request	iQOF3801	38RU 1748 (h) x 515 (W) x 145 (d)
74105041	iQOF4501	45RU 2150 (h) x 515 (W) x 145 (d)

2 & 4 Post Open Frame

The iQ Open Frame 2 and 4 Post Rack is designed to accommodate server/active equipment while still providing a high cable capacity or cable management solution.

The iQ vertical cable management channels can be fitted to 2 and 4 post open frames both front & rear, as well as being bayed together with another 2-post or 4-post rack.

A full height cable tray can also be fitted providing another form of cable management within the 4-post rack.

Cable Management

The T-Finger Vertical Cable Management System is designed to handle high density cabling for termination or patching applications.

This system ensures neat cabling as well as adherence to bend radius requirements. A hinged door cover conserves any unsightly cables and has the ability to swing left or right for ease of cable installation.

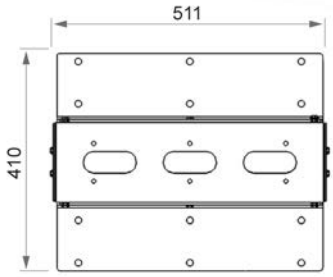
The T-Fingers on our managers are mounted in 2RU increments and can be removed to allow the bending and entry of larger cable bundles via the top or bottom, left or right. The fingers are available in 2 (two) lengths - 93mm and 146mm.

Sizes given are inside dimensions of the T-fingers.
Refer to cable capacity table.

93mm

146mm

Open Frame Foot Print



38RU
19" Frame

45RU
19" Frame

made in new zealand

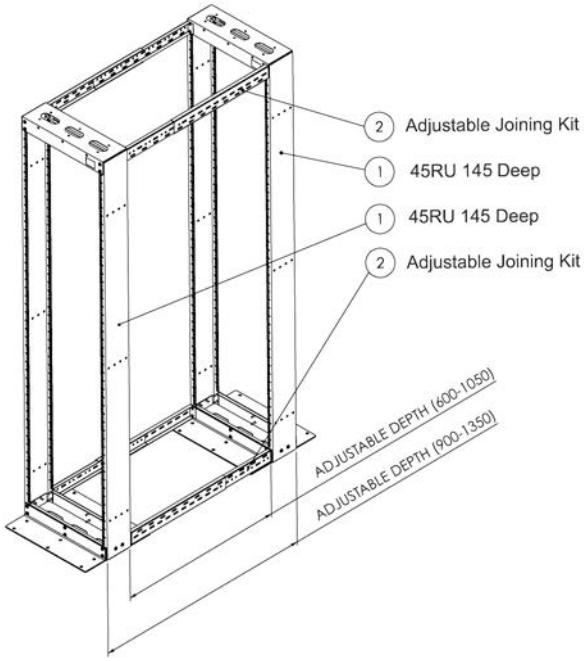
IQ OPEN FRAME SERIES

iQ Open Frame Series

The adjustable joiner kit (iQOF9511) is used to join the frames together, turning a 2-post frame into a 4-post frame. The kit allows you to manually adjust the depth of the rack from 600mm to 1000mm to accommodate your equipment.

Adjustable Joiner Kit

Stock No.	RT No.	Description
74105190	iQOF9511	Adjustable Joiner Kit for 4-Post Frame - Set of 4



Cable Hanging Bracket

Stock No.	RT No.	Description
On Request	9099	Used in computer rooms to hang leads must be used with Cable Slack Spool (not incuded) This product is not rack mountable

Cable Slack Spool

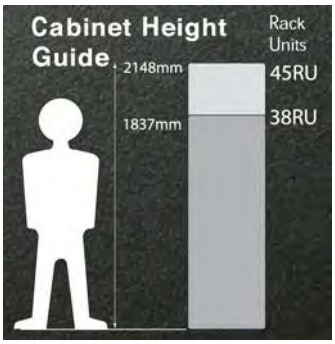
Cable slack spools are used for both copper and fibre (allowing minimum bend radius) where the slack of the cable length is to be spooled inside the vertical management channels.

Optional Accessories

- Power Rails
- Cantilever and fixed shelves
- Cable tray - 4-post rack only
- Cage nuts & bolts

45RU
19" 4 Post Frame

38RU
19" 4 Post Frame

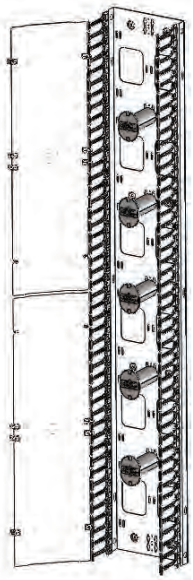


iQ Open Frame Components

Note:
Vertical cable managers can be easily mounted back to back utilising different sizes available.

93mm

146mm



Note:
Vertical cable managers have pre-manufactured cable slack spool mounting holes.

38RU Vertical Cable Management

- All vertical cable management channels come with a two-piece dual-hinged covers.
- Refer to cable fill table.

Available In NZ On Request

Stock No	On Request	On Request	On Request
RT No.	iQOF3820	iQOF3840	iQOF3850
Decription	38RU - 150mm (W) 93mm T-Finger	38RU - 300mm (W) 93mm T-Finger	38RU - 400mm (W) 93mm T-Finger
Stock No	On Request	On Request	On Request
RT No.	iQOF3820-150	iQOF3840-150	iQOF3850-150
Description	38RU - 150mm (W) 146mm T-Finger -150 denotes longer finger	38RU - 300mm (W) 146mm T-Finger -150 denotes longer finger	38RU - 400mm (W) 143mm T-Finger -150 denotes longer finger

45RU Vertical Cable Management

- All vertical cable management channels come with a two-piece dual-hinged covers.
- Refer to cable fill table.

Stock No	74105060	74105080	On Request
RT No.	iQOF4520	iQOF4540	iQOF4550
Decription	45RU - 150mm (W) 93mm T-Finger 205mm (D)	45RU - 300mm (W) 93mm T-Finger 205mm (D)	45RU - 400mm (W) 93mm T-Finger 205mm (D)
Stock No	74105050	74105070	On Request
RT No.	iQOF4510	iQOF4530	iQOF4560
Description	45RU - 150mm (W) 93mm T-Finger 275mm(D)	45RU - 300mm (W) 93mm T-Finger 275mm(D)	45RU - 400mm (W) 93mm T-Finger 275mm(D)

Cable Slack Spool

- Supports and ensures bending radii are met.
- Neatly attaches to vertical cable managers and cable hanging bracket.

Stock No	74105140	74105150	74105160
RT No.	iQOF9506	iQOF9507	iQOF9508
Decription	70mm (L)	140mm (L)	210mm (L) (For extended finger & brackets only)

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IQ OPEN FRAME COMPONENTS

iQ Open Frame Components

Horizontal Cable Management

- Supports and ensures bending radii are met.
- Routing of cable to maximise capacity.
- Refer to cable fill table.

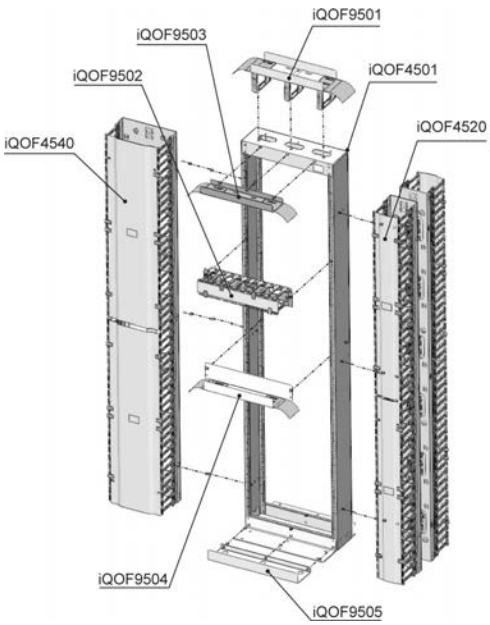
Stock No	74105170	74105100	74105191
RT No.	iQOF9509	iQOF9502	iQOF9512
Decription	1RU 93mm T-Finger 130mm Usable Depth	2RU 93mm T-Finger 130mm Usable Depth	4RU 93mm T-Finger 130mm Usable Depth
Stock No	On Request	On Request	On Request
RT No.	iQOF9509-150	iQOF9502-150	iQOF9512-150
Description	1RU 146mm T-Finger 195mm Usable Depth -150 denotes longer finger	2RU 146mm T-Finger 195mm Usable Depth -150 denotes longer finger	4RU 146mm T-Finger 195mm Usable Depth -150 denotes longer finger

Available In NZ On Request

Open Frame Accessories

- Supports and ensures bending radii are met.
- Allows the entry of cables within 'the frame'.

Stock No	74105090	74105110	74105120	74105130
RT No.	iQOF9501	iQOF9503	iQOF9504	iQOF9505
Decription	Adjustable Top Water Fall Tray (Height adjustable to 60mm)	Top Water Fall Support Tray (To route leads between managers)	2RU Horizontal Cable Tray (To route leads between managers)	Bottom Cable Tray (Used to take up the slack of leads)



Note: Above is the recommended assembly configuration.

Open Frame Chimney

Available In NZ On Request

- Used for 38RU & 45RU open frames.
- Telescopic cable management chimney.
- Adjustable 750mm (h) to 1270mm (h).
- Can be retro-fitted around existing cable installation.
- Other sizes avilable on request.

Open Frame Chimney

Stock No.	RT No.	Description
On Request	iQOF9520	iQOF9520 Suits iQOF3820 & iQOF4520

Stiffener Plate

- Optional product to support open frames

Stiffener Plate

Stock No.	RT No.	Description
74105200	iQOF9513	Used for 150mm, 300mm and 400mm (W) Managers

IQ CABLE CAPACITY TABLE

iQ Cable Capacity Table

Vertical Cable Managers (For Open Frames)

Stock No.	RT No.	Description	Cable Manager Specs			Recommended Cable Capacity				Maximun Cable Capacity			
			Interior Width (mm)	Interior Depth (mm)	Useable Area (mm^2)	Cat 5e	Cat 6	Cat 6a	Cat 7/6a Shielded	Cat 5e	Cat 6	Cat 6a	Cat 7/6a Shielded
						5.5	6.2	8.5	7.5	5.5	6.2	8.5	7.5
						50%	50%	50%	50%	100%	100%	100%	100%
on request	iQOF3820	38ru 150mm wide cab/man 93mm T-Fingers	131	173	22663	238	188	100	128	477	375	200	256
on request	iQOF3840	38ru 300mm wide cab/man 93mm T-Fingers	281	173	48613	512	403	214	275	1023	805	428	550
on request	iQOF3850	38ru 400mm wide cab/man 93mm T-Fingers	381	173	65913	694	546	290	373	1387	1092	581	746
on request	iQOF3820-150	38ru 150mm wide cab/man 146mm T-Fingers	131	235	30785	324	255	136	174	648	510	271	348
on request	iQOF3840-150	38ru 300mm wide cab/man 146mm T-Fingers	281	235	66035	695	547	291	374	1390	1094	582	747
on request	iQOF3850-150	38ru 400mm wide cab/man 146mm T-Fingers	381	235	89535	942	741	394	507	1884	1483	789	1013
74105060	iQOF4520	45ru 150mm wide cab/man 93mm T-Fingers	131	173	22663	238	188	100	128	477	375	200	256
74105080	iQOF4540	45ru 300mm wide cab/man 93mm T-Fingers	281	173	48613	512	403	214	275	1023	805	428	550
on request	iQOF4550	45ru 400mm wide cab/man 93mm T-Fingers	381	173	65913	694	546	290	373	1387	1092	581	746
on request	iQOF4520-150	45ru 150mm wide cab/man 146mm T-Fingers	131	235	30785	324	255	136	174	648	510	271	348
on request	iQOF4540-150	45ru 300mm wide cab/man 146mm T-Fingers	281	235	66035	695	547	291	374	1390	1094	582	747
on request	iQOF4550-150	45ru 400mm wide cab/man 146mm T-Fingers	381	235	89535	942	741	394	507	1884	1483	789	1013

Vertical Cable Managers (For Cabinets)

Stock No.	RT No.	Description	Cable Manager Specs			Recommended Cable Capacity				Maximun Cable Capacity			
			Interior Width (mm)	Interior Depth (mm^2	Useable Area (mm^2)	Cat 5e	Cat 6	Cat 6a	Cat 7/6a Shielded	Cat 5e	Cat 6	Cat 6a	Cat 7/6a Shielded
						5.5	6.2	8.5	7.5	5.5	6.2	8.5	7.5
						50%	50%	50%	50%	100%	100%	100%	100%
on request	iQCM3870	38ru 600mm wide Cabinets 93mm T-Fingers	28.5	122	3477	37	29	15	20	73	58	31	39
on request	iQCM3860	38ru 800mm wide Cabinets 93mm T-Fingers	61.5	158.5	9747.8	103	81	43	55	205	161	86	110
on request	iQCM3870-150	38ru 600mm wide Cabinets 146mm T-Fingers	28.5	184	5244	55	43	23	30	110	87	46	59
on request	iQCM3860-150	38ru 800mm wide Cabinets 146mm T-Fingers	61.5	220.5	13560.8	143	112	60	77	285	225	119	153
on request	iQCM4570	45ru 600mm wide Cabinets 93mm T-Fingers	28.5	122	3477	37	29	15	20	73	58	31	39
on request	iQCM4560	45ru 800mm wide Cabinets 93mm T-Fingers	61.5	158.5	9747.8	103	81	43	55	205	161	86	110
on request	iQCM4570-150	45ru 600mm wide Cabinets 146mm T-Fingers	28.5	184	5244	55	43	23	30	110	87	46	59
on request	iQCM4560-150	45ru 800mm wide Cabinets 146mm T-Fingers	61.5	220.5	13560.8	143	112	60	77	285	225	119	153

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IQ CABLE CAPACITY TABLE

iQ Cable Capacity Table

Vertical Cable Managers (For Open Frames)

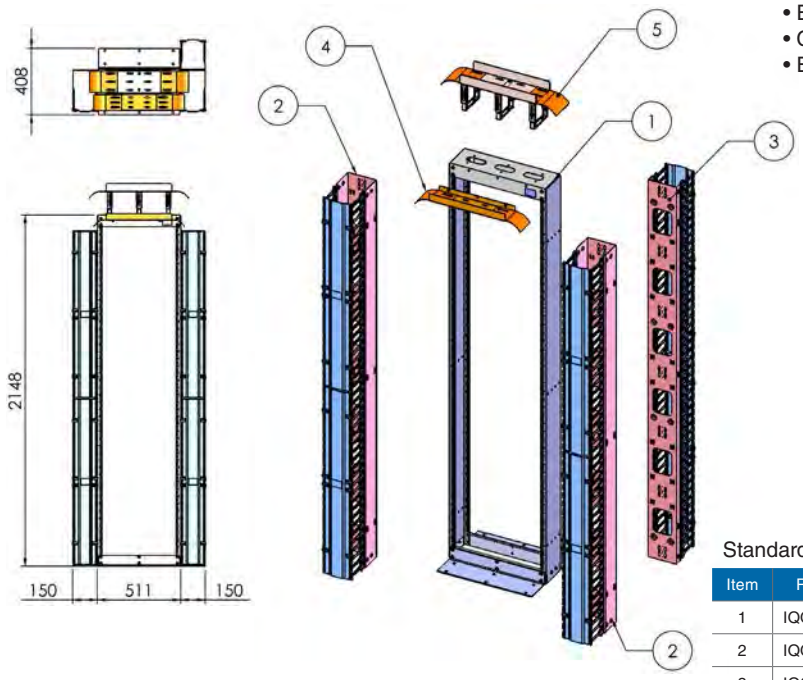
Stock No.	RT No.	Description	Cable Manager Specs			Recommended Cable Capacity				Maximun Cable Capacity			
			Interior Width (mm)	Interior Depth (mm)	Useable Area (mm^2)	Cat 5e	Cat 6	Cat 6a	Cat 7/6a Shielded	Cat 5e	Cat 6	Cat 6a	Cat 7/6a Shielded
						5.5	6.2	8.5	7.5	5.5	6.2	8.5	7.5
						50%	50%	50%	50%	100%	100%	100%	100%
74105170	iQOF9509	1ru horizontal cab/man 93mm T-Fingers	25.5	127	3238.5	34	27	14	18	68	54	29	37
54105100	iQOF9502	2ru horizontal cab/man 93mm T-Fingers	68	127	8636	91	72	38	49	182	143	76	98
74105191	iQOF9512	4ru horizontal cab/man 93mm T-Fingers	153	127	19431	204	161	86	110	409	322	171	220
on request	iQOF9509-150	1ru horizontal cab/man 146mm T-Fingers	25.5	188	4794	50	40	21	27	101	79	42	54
on request	iQOF9502-150	2ru horizontal cab/man 146mm T-Fingers	68.5	188	12878	136	107	57	73	271	213	113	146
on request	iQOF9512-150	4ru horizontal cab/man 146mm T-Fingers	154	188	28952	305	240	128	164	609	479	255	328

-150 denotes longer finger

Notes:
This table lists estimated cable capacity for iQ Series cable management products. Cable capacity are estimates based on 5.5mm OD Cat 5e, 6.2mm OD Cat 6, 8.5mm OD Cat 6a, 7.5mm OD Cat 7/6a shielded 4-pair UTP horizontal cable. Cable OD varies with different size cables and specific manufacturer's cable types. To calculate recommended cable capacity for other size cables, divide the product's usable area by the area of the cable and multiply by 25% (50% for maximum fill). While every effort has been made to ensure the accuracy of all information, Rack Technologies does not accept liability for any errors or omissions.

IQ OPEN FRAME SERIES

Standard Frame



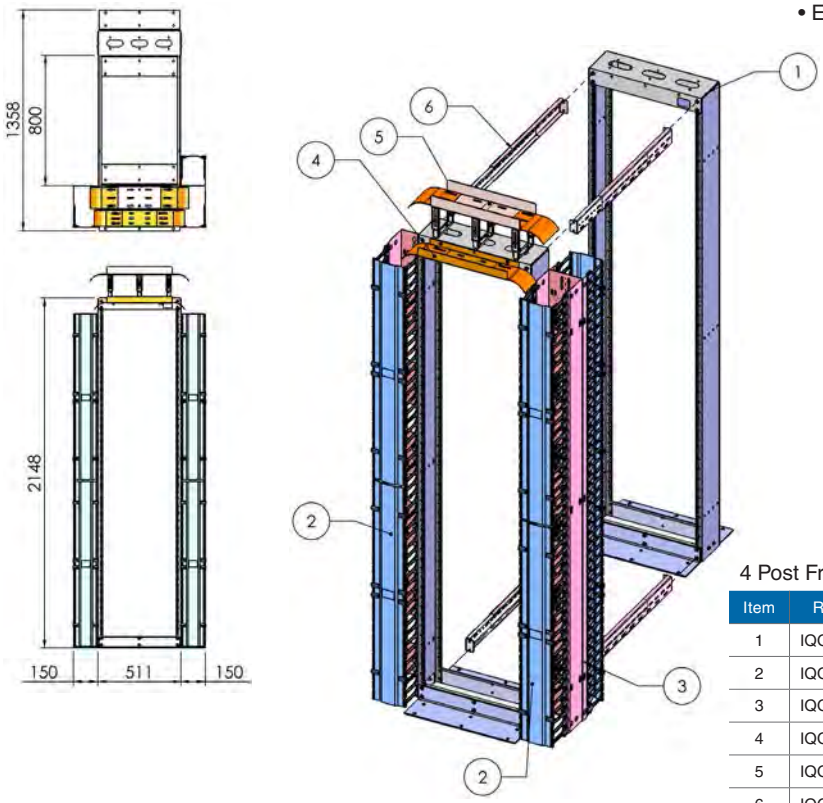
- Examples only.
- Can be custom configured as required.
- Expandable to any scale of install.

Standard Frame

Item	RT No.	Description	Qty
1	IQOF4501	45RU Open Frame	1
2	IQOF4510	Cable Manager 150W 260D	2
3	IQOF4520	Cable Manager 150W 185D	1
4	IQOF9503	Top Water Support Tray	1
5	IQOF9501	Adjustable Top Cable Tray	1

4 Post Frame

- Examples only.
- Can be custom configured as required.
- Expandable to any scale of install.



4 Post Frame

Item	RT No.	Description	Qty
1	IQOF4501	45RU Open Frame	1
2	IQOF4510	Cable Manager 150W 260D	2
3	IQOF4520	Cable Manager 150W 185D	1
4	IQOF9503	Top Water Support Tray	1
5	IQOF9501	Adjustable Top Cable Tray	1
6	IQOF9511	Adjustable Joining Bracket	1 kit

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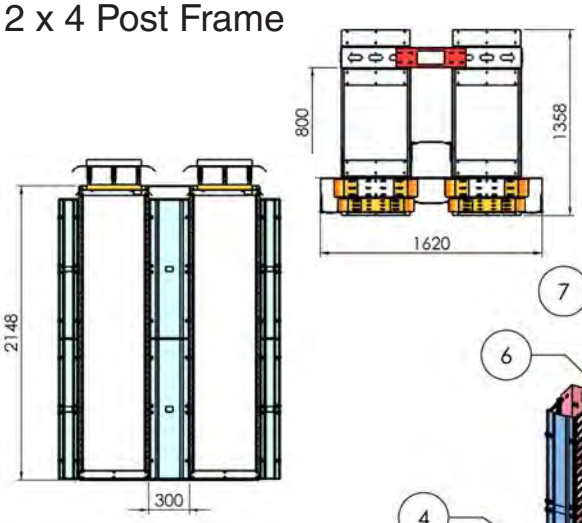
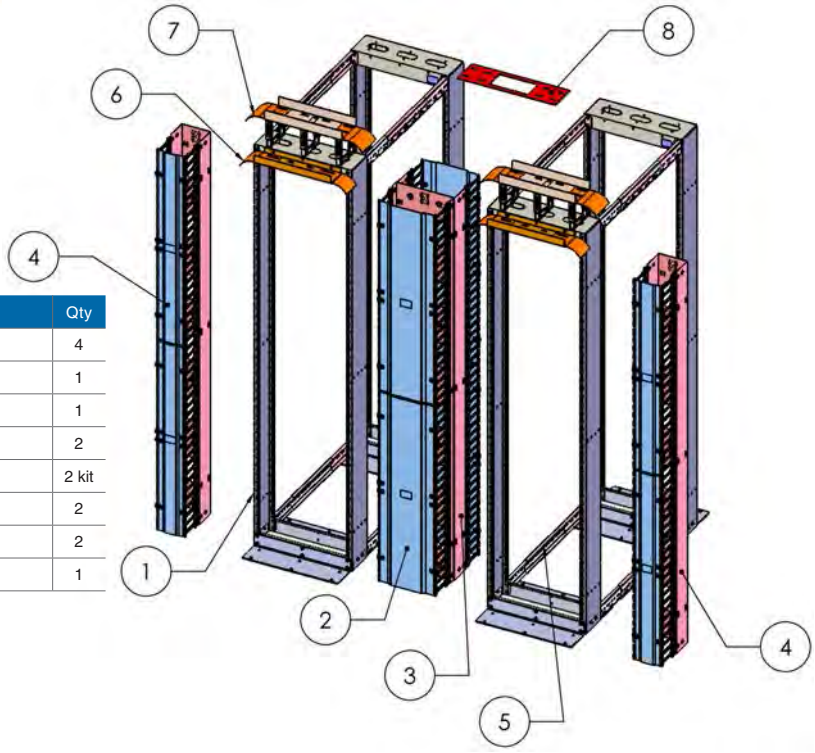
IQ OPEN FRAME SERIES

2 x 4 Post Frame



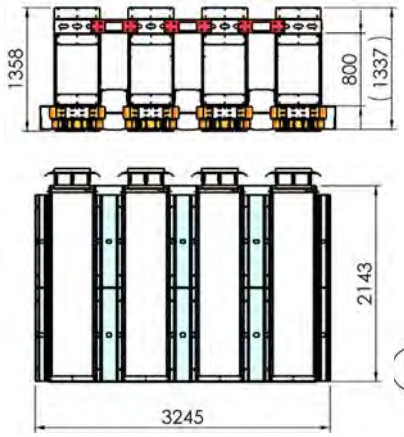
- Examples only.
- Can be custom configured as required.
- Expandable to any scale of install.



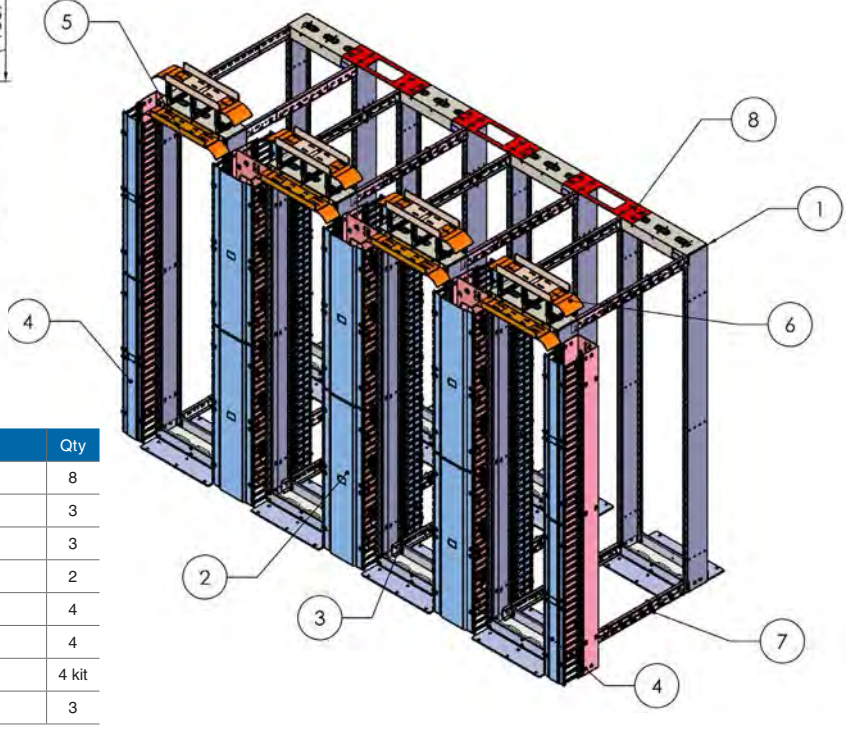
2 x 4 Post Frame

Item	RT No.	Description	Qty
1	IQOF4501	IQ 45RU Open Frame	4
2	IQOF4540	IQ CM 45RU 300W X 185D	1
3	IQOF4530	IQ CM 45RU 300W X 260D	1
4	IQOF4510	IQ CM 45RU 150W X 260D	2
5	IQOF9511	Adjustable Joining Kit	2 kit
6	IQOF9503	Top Water Fall Tray	2
7	IQOF9501	Adjustable Cable Tray	2
8	IQOF9513	Joining Plate	1

4 x 4 Post Frame



- Examples only.
- Can be custom configured as required.
- Expandable to any scale of install.



4 x 4 Post Frame

Item	RT No.	Description	Qty
1	IQOF4501	IQ 45RU Open Frame	8
2	IQOF4540	IQ CM 45RU 300W X 185D	3
3	IQOF4530	IQ CM 45RU 300W X 260D	3
4	IQOF4510	IQ CM 45RU 150W X 260D	2
5	IQOF9503	Table Water Fall Tray	4
6	IQOF9501	Adjustable Cable Tray	4
7	IQOF9511	Adjustable Joining Tray	4 kit
8	IQOF9513	Joining Plate	3

IQ OPEN FRAME GALLERY

45RU
2-POST OPEN FRAME
WITH CABLE MANAGERS

45RU
2-POST OPEN FRAME BAYED
WITH CABLE MANAGERS

45RU
4-POST OPEN FRAME
WITH CABLE MANAGERS

45RU
4-POST OPEN FRAME BAYED
WITH CABLE MANAGERS

Open Frame
WITH 400mm WIDE VERTICAL
CABLE MANAGER

Open Frame
WITH VERTICAL & HORIZONTAL
CABLE MANAGERS

T-Fingers - 93mm
ON VERTICAL CABLE MANAGERS

Cable Slack Spool
ATTACHED TO VERTICAL
CABLE MANAGER

Open Frame
OPEN FRAME WITH CABLE WATERFALL

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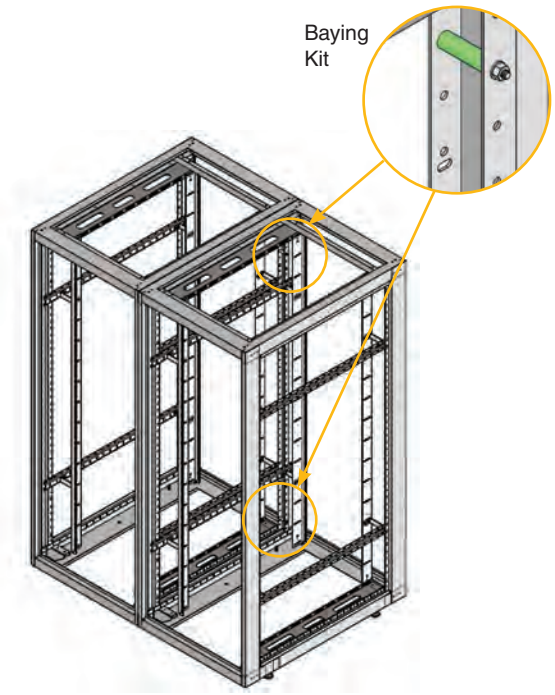
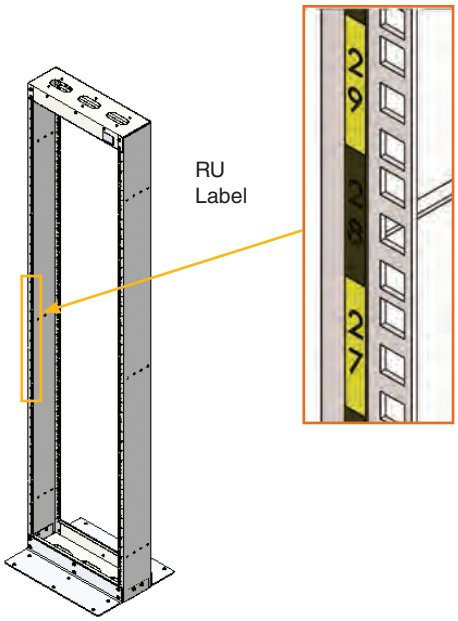
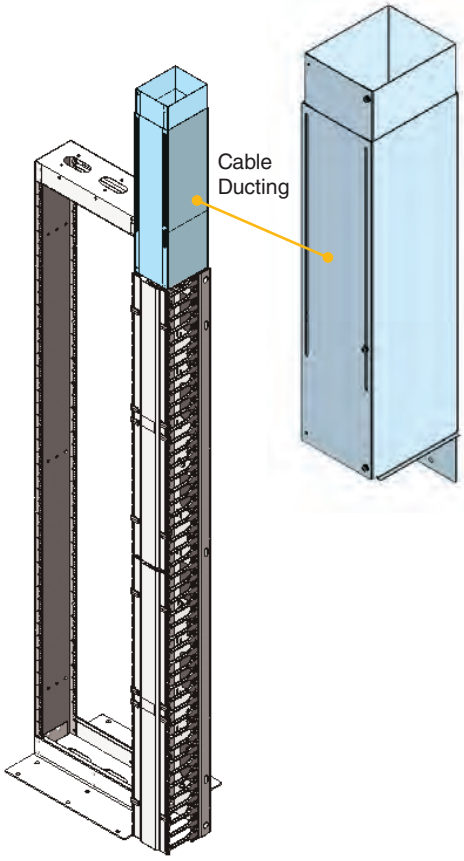
IQ OPEN FRAME GALLERY



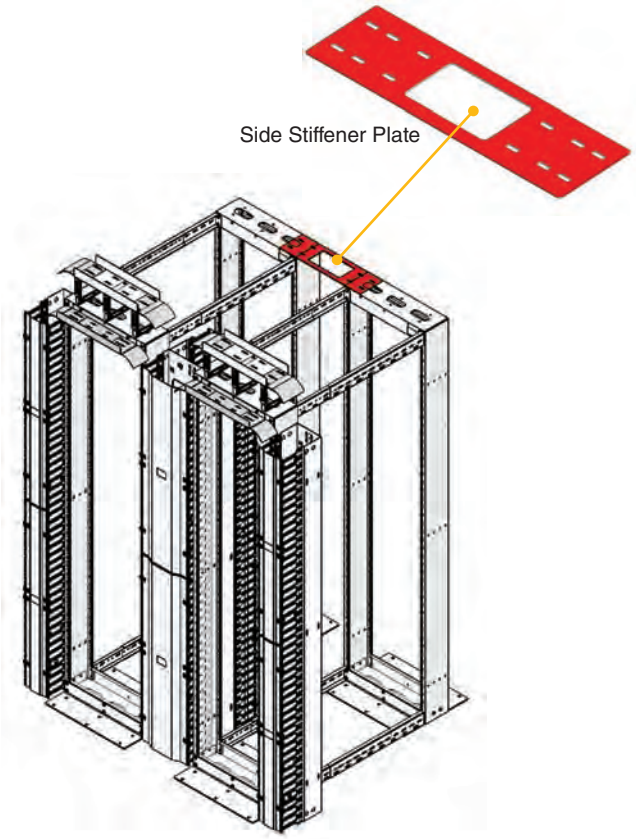
45RU
COMPLETE CABINET BAYED
USING BAYING KIT



45RU
2-POST OPEN FRAME
WITH RU LABELS



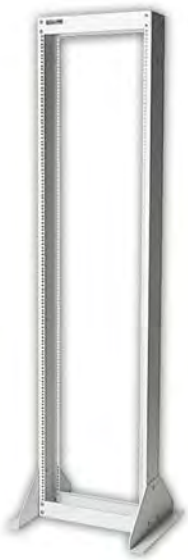
45RU
2-POST OPEN FRAME
WITH TELESCOPIC CABLE
MANAGEMENT CHIMNEY



45RU
4-POST OPEN FRAME BAYED
WITH SIDE STIFFENER PLATE

RT OPEN FRAME SERIES

Open Frame Cabinets



19” Series Specification

Features:
- Two mounting uprights, two triangular fixing brackets, a top plate.
- Racks are delivered un-assembled with all necessary mounting hardware.
- Ideal for installation where access is a priority and space is at a premium.
- Footprint of open frame feet is 500mm deep and 630mm wide.
- Available in Black only in NZ.

19” Series Specification

Stock No.	RT No.	RU	External Dimensions (mm) (H) x (W) x (D)
70240180	OF2401	24	1210 x 510 x 150
70380140	OF3801	38	1830 x 510 x 150
70450141	OF4501	45	2145 x 510 x 150

Cable Management

Features:
- Channel and rings are designed to provide cable. management between open frames.
- Channel is available in nurse grey.
- Rings are available in black.
- Available in Black only in NZ.

Cable Management

Stock No.	RT No.	External Dimensions	Description
On Request	OF2403	150mm wide (full height)	24RU cable management channel
70380340	OF3803	150mm wide (full height)	38RU cable management channel
70450340	OF4503	150mm wide (full height)	45RU cable management channel
70913800	9138	145mm wide x 115mm deep	Cable management ring

Cable Management Ring
part number: 9138

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RT OPEN FRAME SERIES

Open Frame Components

Wall Mountable Frames

Wall Mountable Frames

Stock No.	RT No.	RU	External Dimensions (mm)
70020161	WFB201	2	90 x 483 x 100
70020261	WFB202	2	90 x 483 x 200
70020361	WFB203	2	90 x 483 x 300
70040161	WFB401	4	179 x 483 x 100
70040261	WFB402	4	179 x 483 x 200
70040361	WFB403	4	179 x 483 x 300
70060161	WFB601	6	268 x 483 x 100
70060261	WFB602	6	268 x 483 x 200
70060361	WFB603	6	268 x 483 x 300

Wall Frame Lids

Additional Information.
- All wall frames are fully swingable at 180°.
- Lids can be used top or bottom.
- Most suitable for patching.
- All fasteners provided.
- Available in Black only in NZ.

Note: Comes Individually.

Wall Frame Lids

Stock No.	RT No.	Dimensions	Description
70001161	WFLB11	483 x 100	Top/bottom lidSuits 100 deep wall frame
70002161	WFLB21	483 x 200	Top/bottom lidSuits 200 deep wall frame
70003161	WFLB31	483 x 300	Top/bottom lidSuits 300 deep wall frame

CABINET ACCESSORIES

Acrylic & Steel Doors

Material: 1.6mm steel frame
Acrylic: 4.5mm tinted acrylic
Finish: Powdercoat (grey nurse)

Features:
- Flush fitting with concealed hinges.
- Easily removable.
- Standard right hand hinge.
- Lockable - common keyed.
- Customised locking system available on request.
- Left hand hinge available on request.
- Vented door frame available for 38RU and 45RU cabinets, to allow for horizontal air flow.

Acrylic Doors

Stock No.	RT No.	Height (mm)	Width (mm)	RU (mm)
70121100	C1211	526	19	12
70181100	C1811	826	19	18
70241100	C2411	1126	19	24
70301100	C3011	1426	19	30
70381100	C3811	1726	19	38
70381300	C3813*	1726	19	38
70451100	C4511	2026	19	45
70451300	C4513*	2026	19	45
70381200	C3812	1726	26	38
On Request	C3815*	1726	26	38
70451200	C4512	2026	26	45
70451500	C4515*	2026	26	45

* = Vented

Perforated Steel (Rear)

Material: 1.2mm steel
Finish: Powdercoat (grey nurse textured)

Features:
- Flush fitting with concealed hinges.
- Easily removable.
- Standard right hand hinge.
- Lockable - common keyed.
- Customised locking system available on request.
- Left hand hinge available on request.
- Perforated steel door available for 38RU and 45RU cabinets, to allow for horizontal air flow.

NB: Perforated steel doors are powder coated notre dame ripple.

Steel Doors

Stock No.	RT No.	Height (mm)	Width (mm)	RU (mm)
70122100	C1221	526	19	12
70182100	C1821	826	19	18
70242100	C2421	1126	19	24
70302100	C3021	1426	19	30
70382100	C3821	1726	19	38
70382300	C3823*	1726	19	38
70452100	C4521	2026	19	45
70452300	C4523*	2026	19	45
On Request	C3814*	1726	26	38
70382200	C3822	1726	26	38
70451400	C4514*	2026	26	45
70452200	C4522	2026	26	45

* = Perforated

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CABINET ACCESSORIES

3 - Point Locking Doors

Material: 1.6mm steel frame
Acrylic: 4.5mm tinted acrylic
Finish: powdercoat (grey nurse) to 80 microns

Features:
• 3 point locking system

SCEC Endorsed Bi Lock available with letter of request.
Non Endorsed Bi Lock available on request.
Non stock item 1-2 weeks lead time.
All available on request in New Zealand.

Acrylic Door 19” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3825	1726	19”	38
70452500	C4525	2026	19”	45

Acrylic Door 26” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C4529	2026	26”	45

Vented Acrylic Door 19” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3826	1726	19”	38
On Request	C4526	2026	19”	45

Vented Acrylic Door 26” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3816	1726	26”	38
On Request	C4516	2026	26”	45

Steel Perforated Door 19” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3827	1726	19”	38
70452700	C4527	2026	19”	45

Steel Perforated Door 26” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3820	1726	26”	38
On Request	C4520	2026	26”	45

Standard Steel Door 19” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3828	1726	19”	38
70452800	C4528	2026	19”	45

Steel Door 26” 3-Point Locking

Stock No.	RT No.	Height (mm)	Width	RU (mm)
On Request	C3830	1726	26”	38
On Request	C4530	2026	26”	45

Cabinet Accessories

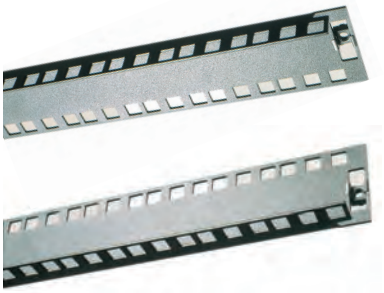
NB: These mounting rails are designed for use in freestanding cabinets only. NOT FOR USE IN THE WALL MOUNTED CABINET SERIES

Shelf Rails 'S' Shape

Stock No.	RT No.	RU (mm)
70124100	C1241	12
70184100	C1841	18
70244100	C2441	24
70304102	C3041	30
70384102	C3841	38
70454102	C4541	45

Material: 1.6mm steel Zinc Annealed
Finish: Powdercoat (textured black)

Features:
- Supplied in pairs.
- Fully adjustable.
- Easily installed.
- All fasteners provided.
- RU Indicators.



NB: These mounting rails are designed for use in freestanding cabinets only. NOT FOR USE IN THE WALL MOUNTED CABINET SERIES

Shelf Rails 'L' Shape

Stock No.	RT No.	RU (mm)
70124101	C1241-L	12
70184101	C1841-L	18
70244101	C2441-L	24
70304101	C3041-L	30
70384101	C3841-L	38
70454101	C4541-L	45

Material: 1.6mm steel Zinc Annealed
Finish: Powdercoat (textured black)

Features:
- Supplied in pairs.
- Fully adjustable.
- Easily installed.
- All fasteners provided.
- RU Indicators.

Wall Mount Shelf Rails

Stock No.	RT No.	RU (mm)
70064160	WC641	6
70124160	WC1241	12
70184160	WC1841	18
70244160	WC2441	24
70304160	WC3041	30

Material: 1.6mm steel Zinc Annealed
Finish: Powdercoat (textured black)

Features:
- Supplied in pairs.
- Fully adjustable.
- Easily installed.
- All fasteners provided.
- RU Indicators.

Rack Mount Light

Stock No.	RT No.	RU (mm)
70901700	9017	Door Operated

Features:
- Door operated.
- Powder coated black.

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CABINET ACCESSORIES

Cabinet Accessories

Material: 1.2mm steel Zinc Annealed
Finish: Powdercoat (grey nurse textured)

Features:
- Flush fitting with side of cabinet.
- Quick release clips.
- Easily removed or installed.
- Lockable - common keyed.
- Vented.
- Side panels are supplied with all basic enclosures.
- Dust filters for the ventilation slots are available upon request.

Side Panels - 19" & 26" Cabinet Series

Side Panel	600mm	800mm	900mm	1000mm
12RU	70123300	on request	on request	on request
18RU	70183300	70183400	70183600	on request
24RU	70243300	70243400	70243600	70243800
30RU	70303300	70303400	70303600	on request
38RU	70383300	70383400	70383600	70383800
45RU	70453300	70453400	70453600	70453800

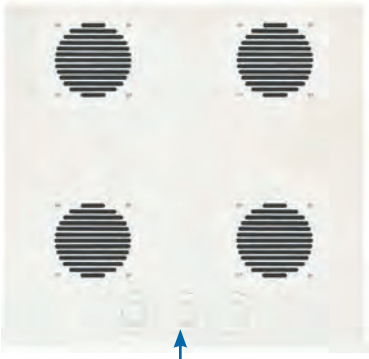
Cable Tray

RT No.		
C**51	C**52	C**53
150mm	225mm	300mm

** = Height of Cabinet in RU

Material: 1.2mm steel Zinc Annealed
Finish: Powdercoat (textured black)

Features:
- Easily installed.
- All fasteners provided.
- Double folded edge for cable safety.
- Available in 12RU, 18RU, 24RU, 30RU, 38RU & 45RU.



EKO Knockouts
(enable easy cable entry)

Top Panel - 19" Cabinet Series

Stock No.		600mm	800mm	900mm	1000mm	1200mm
	Top Panel	70458300	70458400	70458900	70459100	70459600
70901300	2 Fan Unit	9013	9182	9182	9182	9182
70901600	4 Fan Unit	9016	9183	9183	9183	9183

Top Panel - 26" Cabinet Series

Stock No.		600mm	800mm	900mm	1000mm	1200mm
	Top Panel	70458500	70458600	70459000	70459200	70459500
70901300	2 Fan Unit	9182	9182	9182	9182	9182
70901600	4 Fan Unit	9183	9183	9183	9183	9183

6 Fan panel available upon request

Cabinet Accessories

2 & 4 Fan Unit Kit

Blocking Plate Supplied

Features:
- Improves air flow by 100%.
- Totally flush on frame.
- Low noise level fans.
- Safety protected finger guards fully installed top & bottom.
- Supplied as complete with 3 metre lead & 3 pin plug.
- Whisper fans are available on request for sensitive office environment.

NB: The 2 & 4 fan unit kits can be retrofitted to existing top panels.
Note: Normal fan runs at 46db, Whisper fan runs at 26db.

2 Fan Unit

Stock No.	RT No.	NZ No
70901300	9013	9013
70901302		9013-W

4 Fan Unit

Stock No.	RT No.
70901600	9016
70901601	9016-W

NB: The C and CC series comes complete with top panels and fan units vents are to be retrofitted with top panels.

6 Fan Unit Kit

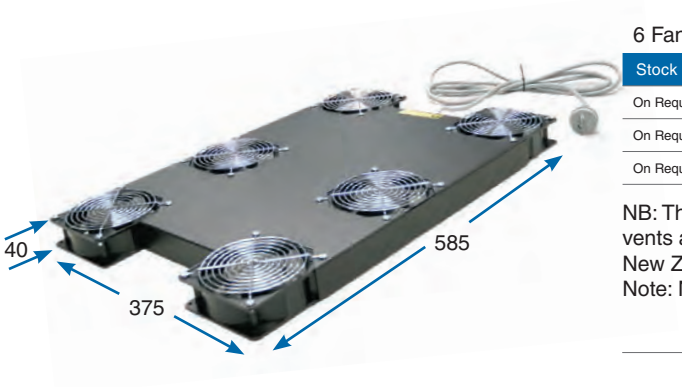
Features:
- Totally flush on frame.
- Low noise level fans.
- Safety protected finger guards fully installed top and bottom.
- Supplied as complete with 2.5 metre lead and 3 pin plug.
- Whisper fans are available on request for sensitive office environment.
- For 1000mm, and 1200mm Deep cabinets.
- Thermostat control model available upon request.

Note: Normal fan runs at 46db, Whisper fan runs at 26db.

6 Fan Unit

Stock No.	RT No.	NZ No
On Request	9186	9186
On Request	9186-W	9186-W
On Request	9186-TH	9186-TH

Available In NZ On Request



NB: The C and CC series comes complete with top panels and fan units vents are to be retrofitted with top panels.
New Zealand order by request.
Note: Normal fan runs at 46db, Whisper fan runs at 26db.

1RU 2 Fan Cantilever Shelf

Features:
- Used to rectify hot spots in cabinets
- Available in black texture.
- Whisper fan option available (9020-W).
- Supplied as complete with 3 metre lead & 3 pin plug.

Note: Normal fan runs at 46db, Whisper fan runs at 26db.

Usage:
- Fits all standard 19" freestanding and wall mountable cabinets.

1RU 2 Fan

Stock No.	NZ No
70902000	9020
70902001	9020-W

Dimensions: 1RU x 170mm deep

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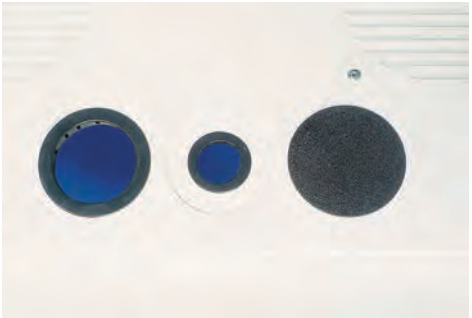
CABINET ACCESSORIES

Cabinet Accessories



Dome Plugs

Features:
- Protects cable from sharp edges.
- Comes in a set of 3.
- Available in black only.

Dome Plugs

Stock No.	RT No.	Size
On Request	9191	34.9mm
On Request	9192	63.5mm
(Set of 3)		

Available In NZ On Request

Snap Bushing

Features:
- Protects cable from sharp edges.
- Comes in set of 3.

Snap Bushing

Stock No.	RT No.	Size
On Request	9193	34.9mm
On Request	9194	63.5mm
(Set of 3)		

Available In NZ On Request

Telescopic Chimney

Available In NZ On Request

Features:
- Height Adjustable from 750 mm to 1270mm.
- Can be retrofitted around an existing cable installation.
- Large cable access area (28, 1235 sq. mm).
- Available in black and grey.

Description:
- Telescopic Chimney.
- Height adjustable: 750mm - 1270mm.
- Dimensions 75 Deep x 375 Wide.

Telescopic Chimney

Stock No.	RT No.
On Request	9230
On Request	9194

Fixed Chimney

Applications:
- To facilitate and enclose cable entry from ceiling.
- Applies only to the freestanding cabinet range.

Features:
- Available in black and grey.
- All fasteners provided.
- Custom sizes upon request.

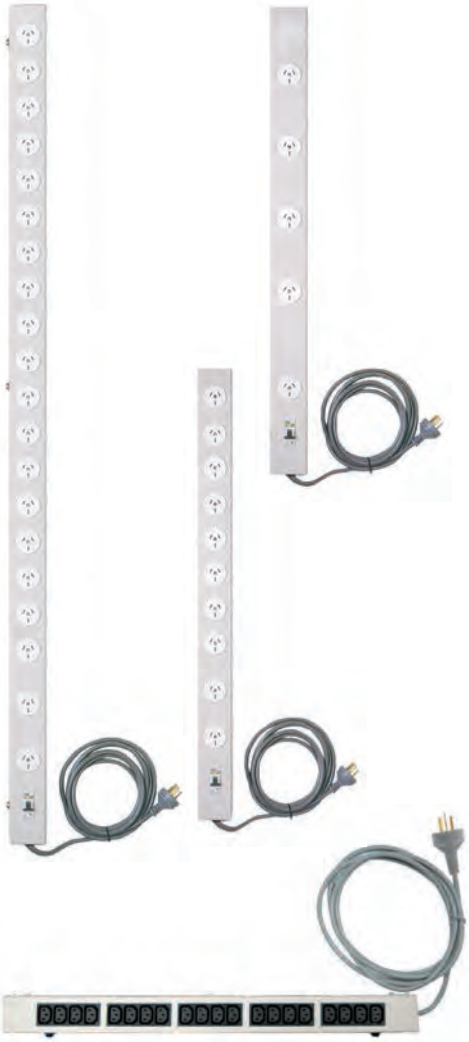
Fixed Chimney

Stock No.	RT No.	AU Size	NZ Size
70907800	9078	900h x 225w x 75d	900h x 120w x 120d
70907900	9079	1200h x 225w x 75d	1200h x 120w x 120d
	9078-BL	900h x 225w x 75d	N/A
	9079-BL	1200h x 225w x 75d	N/A

Power Rails

Usage:
- 10 amp rating
- 3 Ka protection
- 240 volts
- Easily installed.
- Fasteners provided

- Supplied complete with 10 amp circuit breaker and 2.5 metre flex lead and plug.
- 15 amp and 20 amp versions available on request.
- IEC and captive plugs also available upon request.
- Monitored option available.
- Custom plugs available.



Horizontal Power Rail

5 - Way Horizontal Power Rail

Stock No.	RT No.
70900100	9001

Application:
- All 19" rack mount applications.
- 1RU minimum height.

Feature:
- fixing points to suit 19" mounting channels.

10 - Way Horizontal Power Rail

Stock No.	RT No.
70900300	9003

Application:
- All 19" rack mount applications.
- 2RU minimum height.

Feature:
- fixing points to suit 19" mounting channels.

Vertical Power Rail

Features:
- Fixing points to suit shelf rail vertical mounting channels.
- Recessing bracket available (see page 5.6).
- Power rails are available in 10A, 15A and 20A.
- Made to order variants available on request.
- Monitored option available.
- Custom plugs available.

5 - Way Vertical Power Rail

Stock No.	RT No.	Dimensions (H) x (W) x (D)
70900200	9002	650 x 60 x 65

10 - Way Vertical Power Rail

Stock No.	RT No.	Dimensions (H) x (W) x (D)
70900400	9004	650 x 60 x 65

20 - Way Vertical Power Rail

Stock No.	RT No.	Dimensions (H) x (W) x (D)
70900500	9005	1130 x 60 x 65

IEC Socket Power Rails

IEC Socket Power Rails

Stock No.	RT No.	Dimensions (H) x (W) x (D)
70900705	9008	12 Way Vertical
70900710	9009	20 Way Vertical
70901105	9012	12 Way Horizontal

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CABINET ACCESSORIES

Cabinet Accessories

Circuit Breaker Guard

• Suitable for 9004 only.

Circuit Breaker Guard

Stock No.	RT No.
70923500	9235

NB: When using brackets in ether a 38RU & 45RU cabinet, the power panel must be mounted between the centre supports.

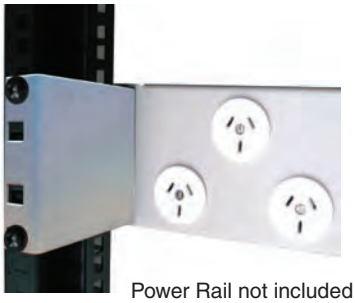
Recessing Bracket-Vertical

Application:
• To allow maximum use of mounting. space and rack unit accessibility.

Features:
• Available in textured black.
• Fasteners provided.

Recessing Bracket-Vertical

Stock No.	RT No.	Description
70916700	9167	Recessing brackets for vertical power panel (pair)



Power Rail not included

Recessing Bracket 2RU/100mm

Application:
• To allow maximum use of mounting. space and rack unit accessibility.
• Permits product mounted in cabinet. to protrude past the power panel.

Features:
• Available in textured black.
• Fasteners provided.

Recessing Bracket 2RU/100mm

Stock No.	RT No.	Description
70922800	9228	2RU Recessing brackets for vertical power panel (pair)

Recessing Bracket 1RU/50mm

Application:
• To allow the recessing of equipment. by 50mm deeper into the cabinet.

Features:
• Available in textured black.
• Fasteners provided.

Recessing Bracket 1RU/50mm

Stock No.	RT No.	Description
70923700	9237	1RU Recessing brackets for vertical power panel (pair)

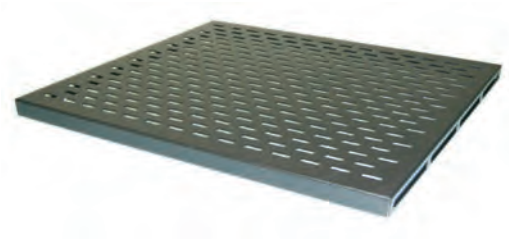
Cage Nuts

Features:
• Each fastener kit consists of a cage nut, screw and washer.
• All of Rack Technologies accessories are supplied with the appropriate number of cage nuts for installation.
• Available in black.

Cage Nuts

Stock No.	RT No.	Description
70907400	9074	Fastener Kit x 4 (set)
70907500	9075	Fastener Kit x 100 (set)
70907600	9076	Fastener Kit x 10 (set)

Shelves



9229 Brackets

Fixed Shelves

Features:
- Heavy duty load bearing capacity 100kg (UDL).
- Fully vented.
- Fixing screws concealed from view.
- Easily installed.
- Available in textured black.
- Mounting bracket available when standard installation is difficult.

Fixed Shelves

Stock No.	RT No.	Dimensions (W) x (D) mm	Description
70902400	9024	449 x 400	For use in cabinets 19" x min. 600mm deep
70902500	9025	449 x 450	For use in cabinets 19" x min. 600mm deep
70902600	9026	449 x 600	For use in cabinets 19" x min. 800mm deep
70908000	9080	449 x 700	For use in cabinets 19" x min. 900mm deep
70908600	9086	449 x 800	For use in cabinets 19" x min. 1000mm deep
70908800	9088	449 x 900	For use in cabinets 19" x min. 1000mm deep
70902700	9027	627 x 400	For use in cabinets 26" x min. 600mm deep
70902200	9122	627 x 600	For use in cabinets 26" x min. 800mm deep
70908100	9081	627 x 700	For use in cabinets 26" x min. 900mm deep

Sliding Shelves

Features:
- Slide to full length.
- Load capacity 50kg.
- Ball bearing slide for greater control of heavy loads.
- Fasteners provided.
- Fully vented.
- Easily Installed.
- Available in textured black.

Sliding Shelves

Stock No.	RT No.	Dimensions (W) x (D) mm	Description
70902800	9028	420 x 400	For use in cabinets 19" x min. 600mm deep
70902900	9029	420 x 600	For use in cabinets 19" x min. 800mm deep
70908200	9082	420 x 700	For use in cabinets 19" x min. 900mm deep
70908700	9087	420 x 800	For use in cabinets 19" x min. 1000mm deep
70912000	9120	600 x 400	For use in cabinets 26" x min. 600mm deep
70912300	9123	600 x 600	For use in cabinets 26" x min. 800mm deep

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CABINET ACCESSORIES

Shelves

Sliding Drawer

Features:
- Slide to 3/4 full length.
- Load capacity 50kg.
- Ball bearing slide for greater control of heavy loads.
- Fasteners provided.
- Fully enclosed.
- Central pull-out handle.
- Available in textured black.

Available In NZ On Request

Sliding Drawer

Stock No.	RT No.	Description
70912100	9121	400mm runner (Suits min. 600 deep cabinet)
On Request	9121-600	600mm runner (Suits min. 800 deep cabinet)
On Request	9121-700	700mm runner (Suits min. 900 deep cabinet)

Cantilever Shelves

Usage:
- All cabinets.
- All wall mount frames.
- All open frames.

Features:
- Available in Black only.
- Easily installed.
- All fasteners provided.

Dimensions: 1RU x 483mm x 170m m

Cantilever Shelves

Stock No.	RT No.	Dimensions	Description
70902100	9021	1RU x 483mm x 170mm	Load capacity 20kg
70902200	9022	2RU x 483mm x 275mm	Load capacity 25kg
70902300	9023	3RU x 483mm x 390mm	Load capacity 30kg

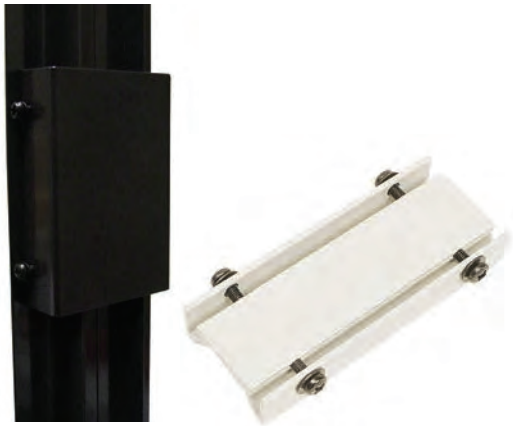
Adjustable Shelf Rails

- This product is user friendly, easy to install, strong, light weight and adjustable from 500mm to 880mm unlike shelves it takes up no RU space nor effects air flow.
- The equipment support brackets mounts quickly easily to either S or L style mounting rails giving a strong supporting base for all types of 19", 21" or 26" equipment.
- The "one size fits all" feature is unique in its design and gives a risk free option when mounting equipment in any size rack.

Adjustable Shelf Rails

Stock No.	RT No.	Description
70563301	S-KIT-SRL-01-500925	500mm to 880mm

Cabinet Accessories



Splice Kit

Application:
- Used for the fixing together of two frames when banking without side panels.

Features:
- One size suits all.
- Easily installed.
- Available in metallic charcoal.
- All fasteners provided.
- Installation & instructions sheet provided.

Splice Kit

Stock No.	RT No.
70907200	9072

Telescopic Bracket

Application:
- To allow multiple depths of file servers & either fixed or sliding shelves to be mounted in one cabinet.
- Can be installed on the telescopic arms of rack mountable servers.

Features:
- Available in textured black.
- Fasteners provided.
- Only one set required per item.

Telescopic Bracket

Stock No.	RT No.	Dimensions
70917000	9170	200mm Long

26” - 19” Converter Bracket

Application:
- 8 needed in 45RU cab.
- 4 needed in 38RU cab.

Features:
- Designed to convert the shelf rails in a 26” cabinet back to 19”.
- Available in textured black.
- Fasteners provided.

26” - 19” Converter Bracket

Stock No.	RT No.	Dimensions
70907000	9070	26” to 19” converter bracket

Fixed Shelf Mounting Bracket

Application:
- For use when the standard shelf installation is difficult - usually when side access is restricted.

Features:
- Available in textured black.
- Fasteners provided.
- Sold as a set of 4 brackets.

Fixed Shelf Mounting Bracket

Stock No.	RT No.	NZ Ref No
70916600	9229	9166

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CABINET ACCESSORIES

Cabinet Accessories

Wall Mount Kit

Features:
- One size suits all.
- Top and bottom supplied as one unit.
- Maximum weight is determined by the strength of the wall and the fasteners used.
- Easily installed.
- Available in nurse grey.

Wall Mount Kit

Stock No.	RT No.
70907300	9073

NB: Retrofit bases available for existing cabinets on request.

Castors

Features:
- Castors attach directly to frame of cabinet for extra stability and support.
- Available as a set of (4) four.
- Front castors are provided with brakes.
- Castors will raise the cabinet enclosure 100mm off the ground.
- Load capacity to 250kg max. Complete Base (UDL).
- Optional bottom plate with cable entry cut-out available upon request.

Casters

Stock No.	RT No.	NZ Ref No	Dimensions
70903501	9040	9035S	Suits all free standing cabinets (plinth not included)

Bottom plate optional.

NB: Retrofit bases available for existing cabinets on request.

Levelling Feet

Features:
- Available as a set of (4) four.
- Load capacity to 250kg max. Complete Base (UDL).
- Feet attach directly to frame of cabinet for extra stability and support.
- Levelling feet are fully adjustable.
- Feet will raise the cabinet enclosure 60mm off the ground.
- Optional bottom plate with cable entry cut-out available upon request.

Levelling Feet

Stock No.	RT No.	Dimensions
70903900	9039	Suits all free standing cabinets (plinth not included)

Available in 4 sizes

NB: 26” width and 1000mm deep available upon request.

Raised Top Panel

Features:
- Easily attached.
- All attachments provided.
- Matching colour (textured grey nurse).

Raised Top Panel

Stock No.	RT No.	Fits Cabinet
70458300	C4583	19” x 600mm deep
70458400	C4584	19” x 800mm deep
70458500	C4585	26” x 600mm deep
70458600	C4586	26” x 800mm deep
70458700	C4587	19” x 900mm deep
on request		26” x 900mm deep
on request		19” x 10000mm deep
70459200	C4592	26” x 10000mm deep

Cabinet Accessories

Raises cabinet 50mm off floor
NB: 26" width and 1000mm deep available upon request.

Plinths

Features:
- Provides cable entry at rear of cabinet.
- Load capacity to 250kg max (UDL).
- 50mm High provided.
- Available in black only.

Plinths

	Depth of Cabinet			
	600mm	800mm	900mm	1000mm
19" Part Number	70905100	70905200	70915100	70915300
	9051	9052	9151	9153
26" Part Number	70915000	70906900	70915200	70915600
	9150	9069	9152	on request
Other sizes available upon request				

Plinth Gland

Features:
- Provided to cover open access holes.

Plinths Gland

Stock No.	RT No.
On Request	9232

Available in 5 sizes

Blank Panels

Application:
- Can be used with all 19" cabinets and wall mounted frames.

Features:
- Available in black.
- All fasteners provided.

Blank Panels

Stock No.	RT No.	600mm
70904100	9041	1RU x 483mm (19")
70904200	9042	2RU x 483mm (19")
70904300	9043	3RU x 483mm (19")
70904400	9044	4RU x 483mm (19")
70904401	9202	6RU x 483mm (19")

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CABINET ACCESSORIES

Cabinet Accessories

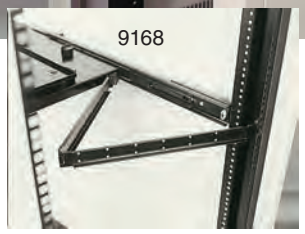
Document Holder

Application:
- Usually installed on the rear steel door.
- Designed to hold A4 documents.

Features:
- Available in nurse grey and black.
- Affixed using industrial strength adhesives.

Document Holder

Stock No.	RT No.	Description	Dimenions (H) x (W) x (D)
70907901	9095	Metal document holder	250mm x 250mm x 32mm



Fold-Down Keyboard & Mouse Tray

Application:
- Keyboard must be in upright position before mouse tray can be withdrawn for use.
- Does not suit L Rails.

Features:
- Pocket built into mouse tray for easy storage.
- Velcro strip provided to secure the keyboard to the fold-down shelf.
- Available in nurse grey.
- Fasteners provided.
- Optional 9168.
- Cable carrier for rear cable management.

Fold-Down Keyboard & Mouse Tray

Stock No.	RT No.	Fits Cabinet
70916001	9160	19" x min. 600mm deep

Pivoting Keyboard Shelf

Features:
- Allows for a standard width keyboard to be used in a 19" cabinet.
- Shelf must be withdrawn before keyboard tray can be pivoted around for use.
- Cable carrier for rear cable management optional part number is 9168.

Pivoting Keyboard Shelf

Stock No.	RT No.	To Suit
on request	9161-400	600 deep cab
70916100	9161	800 deep cab
on request	9161-700	900 deep cab

Cabinet Accessories

RU Mounting Labels

Application:
- Supplied as a set for 2 vertical rails.
- Can be supplied as set pre-packaged.
- Can be supplied factory fitted.

RU Mounting Labels

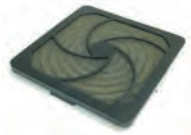
Stock No.	RT No.
74104697	9250

Filter

Application:
- A full range of filters to suit your needs.
- Filters can be added in production or as customer retrofit.

Filter

Stock No.	RT No. (Kit)	NZ Ref No (Kit)	Replacement Filter No	Cabinet Type
on request	9015		DUST 3	350 Wall Mount
on request	9102		DUST 4	450 Wall Mount
on request	9104		Dust 6	600 Wall Mount
70900600	9006		Dust 2	600 Side Panel (Freestanding)
70900700	9007		Dust 1	800 Side Panel
70910300	9103		Dust 5	900 Side Panel
70968300	9076 (set)		736-030 (individual)	2 Fan Unit
70908300	9077 (set)		736-030 (individual)	4 Fan Unit (order 2x for 4 fan)



9000 Set
Stock No. 7090000

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CABLE MANAGEMENT

Cable Management Accessories

1RU Cable Management Ring Panel

Application:
• Can be used with all 19" cabinets and wall mounted frames.

Features:
• 4 horizontal and 2 vertical combined cable rings can be re-configured.

1RU Cable Management Ring

Stock No.	RT No.	Fits Cabinet
70904500	9045	1RU x 483mm (19")

2RU Cable Management Ring Panel

Application:
• Can be used with all 19" cabinets and wall mounted frames.

Features:
• Combined cable rings can be re-configured.

2RU Cable Management Ring

Stock No.	RT No.	Fits Cabinet
70904700	9047	2RU x 483mm (19")

1RU Cable Management 'Plus'

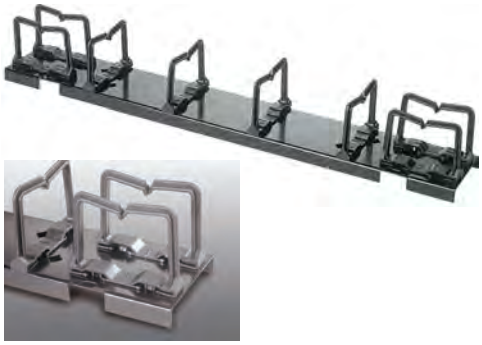
Application:
• 19" rack mountable.
• For management of patch leads in denser populated cabinets.

Features:
• Extended panel with 2RU end rings for greater vertical management.

1RU Cable Management 'Plus'

Stock No.	RT No.	Fits Cabinet
70901000	9010	1RU x 605mm

Cable Management Accessories



2RU Cable Management 'Plus'

Application:
- 19" rack mountable.
- For management of patch leads in densely populated cabinets.

Features:
- Extended panel with end rings for greater vertical management.

2RU Cable Management 'Plus'

Stock No.	RT No.	Fits Cabinet
70901100	9011	2RU x 605mm

Slotted Cable Manager 1RU & 2RU

Application:
- Horizontal Cable Management.

Features:
- Available in black.
- All metal construction superior to its plastic counter parts.
- Easy snap fit.

Slotted Cable Manager 1RU & 2RU

Stock No.	RT No.	RU
70921800	9218	1
70919800	9198	2

Cable Management Rings 1RU & 2RU

Application:
- Cable rings sold separately and snap into all standard cagenut holes.
- Used for vertical cable management.

Features:
- Available in black.

Cable Management Rings 1RU & 2RU

Stock No.	RT No.	Dimentions (W) & (D)
70904600	9046	30mm x 35mm
70904800	9048	75mm x 50mm

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CABLE MANAGEMENT

Cable Management Accessories

T-Finger Cable Management

Application:
• Designed to handle high density cabling whether for termination or patching applications.

Features:
• Fits neatly along side vertical 19” rails within 800mm wide cabinets.
• All fasteners provided.
• Available in black.

T-Finger Cable Management

Stock No.	RT No.	RU	Description
70245050	iQCM2450	24	Vertical cable management system
70305050	iQCM3050	30	Vertical cable management system
70385050	iQCM3850	38	Vertical cable management system
70455050	iQCM4550	45	Vertical cable management system 80mm(W) 155mm (d)
70245051	iQCM4550-200	45	Vertical cable management system 80mm(W) 300mm (d)
74105100	iQOF9502	2	Horizontal cable management system
74105170	iQOF9509	1	Horizontal cable management system
74105191	IQOF9512	4	Horizontal cable management system

Cable Management Rings 19” & 26”

Application:
• Retain cable in an orderly manner.
• Designed to maximize area for vertical cable management, between shelf rail and side panel.

Features:
• Zinc annealed steel.
• Available in black.
• All fasteners provided.

Cable Management Rings 19” & 26”

Stock No.	RT No.	Dimensions (W) & (D)	Description
70904601	9046-V	50mm x 150mm (internal)	19” vertical cable management ring
70904801	9048-V	140mm x 150mm (internal)	26” vertical cable management ring
70904601	9046-VL	55mm x 150mm (internal)	26” vertical cable management ring

Lacing Bar

Application:
• 19” rack mountable.

Features:
• Used for cable management at the rear of a patch panel.
• Available in black.
• All fasteners provided.

Lacing Bar

Stock No.	RT No.	Dimensions
70909100	9091	1RU x 483mm (19”)

Cable Management Accessories

NB: Fibre Enclosures come unloaded.

Fixed Fibre Enclosure

Application:
- Can be used with all 19” cabinets.

Features:
- Internal cable management.
- Able to accommodate splice cassettes.
- Four entry points.
- Available in black.

Fixed Fibre Enclosure

Stock No.	RT No.	Dimensions	Description
70904900	9049	1RU x 19” x 220mm deep	16Way ST fixed fibre tray with cable management. Accepts 16x ST couplers.
70906400	9064	1RU x 19” x 200mm deep	16Way ST fixed fibre traywith lid. Accepts 16x ST couplers.
70906500	9065	1RU x 19” x 220mm deep	24Way ST fixed fibre tray with lid. Accepts 24x ST couplers.
70906600	9066	1RU x 19” x 200mm deep	24Way SC fixed fibre tray. Holds 12x duplex couplers.
70906700	9067	1RU x 19” x 200mm deep	12Way SC fixed fibre traywith lid. Holds 6x duplex couplers.
70907100	9071	1RU x 19” x 200mm deep	24Way LC duplex fixed fibre tray.Holds 24x LC duplex couplers. Can also hold 24x SC simplex couplers.

NB: Fibre Enclosures come unloaded.

NB. Mounts on 1RU however the telescopic arms slightly protrude 1RU.

Sliding Fibre Enclosure

Application:
- Can be used with all 19” cabinets.

Features:
- Internal cable management.
- Able to accommodate splice cassettes.
- Four entry points.
- Clamps, glands, brass tubes and screws provided.
- Available in black.

Sliding Fibre Enclosure

Stock No.	RT No.	Dimensions	Description
70905300	9053	48mm x 19” x 310mm deep (overall)	16Way sliding fibre tray. Accepts 16x ST couplers.
70905400	9054	48mm x 19” x 310mm deep (overall)	24Way ST sliding fibre tray. Accepts 24x ST couplers.
70905500	9055	48mm x 19” x 310mm deep (overall)	24Way SC Duplex sliding fibre tray. Holds 12x duplex coupler
70906800	9068	48mm x 19” x 310mm deep (overall)	12Way SC sliding fibre tray. Holds 6x duplex couplers.
70906300	9063	48mm x 19” x 308mm deep (overall)	24Way LC duplex sliding fibre tray. Holds 24x LC duplex couplers. Can also hold 24x SC simplex couplers.

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100% made in new zealand

CABLE MANAGEMENT

Cable Management Accessories

Defence Fibre Enclosure

Features:
- 2 x SC duplex ports.
- Clear perspex lid for easy view of any tampering.
- Fibre loom holder included.
- Signal red in colour.
- Other colours and configurations available upon request.
- MOQ applies.

Defence Fibre Enclosure

Stock No.	RT No.	Dimensions	Description
on request	9262	150mm Wide x 180mm Deep	SC Duplex fibre termination box with clear lid. Accepts 2x SC Duplex couplers.
Other Configurations Available On Request			

Brushed Cable Entry

Application:
- Protects cable bundles on cabinet entry.

Features:
- Easy to Mount.
- Reduces dust infiltration into the cabinet.

Brushed Cable Entry

Stock No.	RT No.	Description
70921001	9231	49 x 273mm internal

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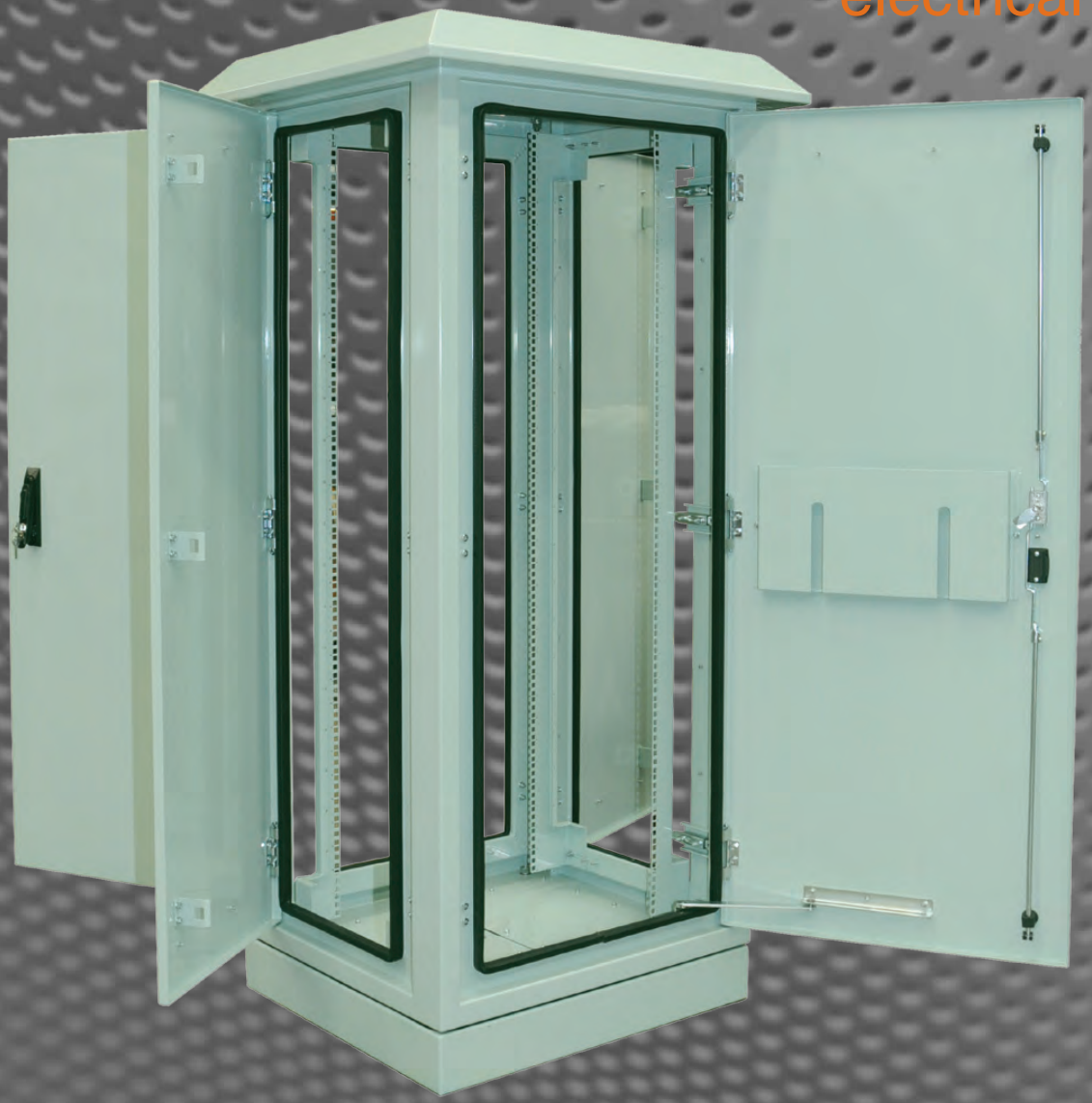
Industrial Enclosures

data enclosures
field cabinets
electrical cubicles



industrial enclosure

DATA COMMUNICATIONS ENCLOSURES

Industrial Enclosures

Rack Technologies' Data Communications Enclosure are custom built and designed for applications where a sealed environment from water, dust and wind is required.

As such, it can be modified to suit different environments and or requirements.

The range of IP65 cabinets and accessories are manufactured in Australia from durable welded steel with a powder coated black textured finish for longevity or custom colours which are available on request.

Rack Technologies works closely with all major equipment manufacturers and clients to design and manufacture high quality cabinets that suit the needs and application of the market. It prides itself on service, on time delivery and quality, backed by a big commitment to the Australian market.
The company's comprehensive range of Australian made frames, cabinets and accessories provide a complete solution to all data and cabling needs and ensure flexibility for all applications or future expansions.

Features

- Fully Welded Construction.
- Rated to IP65 Protection.
- Powder Coated Black (Standard).
- Sizes from 12RU to 46RU.
- Depths from 350mm to900mm.
- Top Access Panel (wall enclosure).
- Top & Bottom Access Panel (freestanding).
- Fully tested to IP65 AS 1939-1990 Category 1.
- Side panels can be removed on freestanding cabinets for equipment maintenance.
- Gland plates standard to maintain.
- IP65 integrity.
- Eye bolts standard for lifting on freestanding cabinets, after equipment installation.
- Fully complies with International Standard.
- IEC 297.

18RU
Wall Enclosure

12RU
Wall Enclosure

DATA COMMUNICATIONS ENCLOSURES

Industrial Enclosures

Cabinet Inclusions

WALL ENCLOSURES
- Top Access Panel.
- Front Door.
- Mounting Rails (4).

FLOORSTANDING ENCLOSURE
- Top Access Panel.
- Bottom Access Panel.
- Front Door.
- Rear Door.
- Mounting Rails (4).
- Eye Bolts.
- Side Panels.

Optional Accessories

- Power Rails.
- Modem Shelves.
- Fixed/Sliding Shelves.
- Pivoting Keyboard.
- Cantilever Shelves.
- Earth Bar.
- Cable Trays.
- RU Labels.

Available In NZ On Request

Wall Cabinet Series

Stock No.	RT No.	Description
On Request	WIP65-1214-BL	12RU 350mm D x 735mm H
On Request	WIP65-1224-BL	12RU 450mm D x 735mm H
On Request	WIP65-1234-BL	12RU 600mm D x 735mm H
On Request	WIP65-1814-BL	18RU 350mm D x 1005mm H
On Request	WIP65-1824-BL	18RU 450mm D x 1005mm H
On Request	WIP65-1834-BL	18RU 600mm D x 1005mm H

Available In NZ On Request

Freestanding Cabinet Series

Stock No.	RT No.	Description
On Request	S-IP2760-99-LG	27RU 600mm D x 1455mm H
On Request	S-IP2780-99-LG	27RU 800mm D x 1455mm H
On Request	S-IP4060-99-LG	40RU 600mm D x 2033mm H
On Request	S-IP4080-99-LG	40RU 800mm D x 2033mm H
On Request	S-IP4660-99-LG	46RU 600mm D x 2300mm H
On Request	S-IP4680-99-LG	46RU 800mm D x 2300mm H
On Request	S-IP4690-99-LG	46RU 900mm D x 2300mm H

27RU
Freestanding

40RU
Freestanding

46RU
Freestanding

FIELD CABINETS

Industrial Enclosures

Rack Technologies' Field Cabinets Enclosure are custom built and designed for outdoor applications where a high degree of reistance and corrotion from water, dust and wind is required.

As such, it can be modified to suit different environments and or requirements.

The range of Field Cabinets and accessories are manufactured in Australia from durable 2.0mm aluminium with a powder coated smoke blue (T33) finish for longevity. Custom contruction and colours are available on request.

Rack Technologies' comprehensive range of Field Cabinets and accessories provide a complete solution to all data and cabling applications for Australian roads and conditions.

Features

- Constructed from 2.0mm 5052 aluminium.
- Also available in zinc anneal steel & stainless steel - both powder coated.
- Enclosure mounted on 100mm high plinth with internal bolt down positions.
- Size: 31RU, overall dimensions 1703H x 770W x 620D.
- Rack rails allow for 19" equipment (2 sets front and rear) and Euro Metric (ETSI 21").
- Doors front and rear: flush fitting, flush Swing handle with euro profile locking cylinder (DIN 18254) - fitted with (x2) A3 plan holder, door stay 3 point locking.
- 2 only gland plates fitted in base of the enclosure.
- Paint: powder-coat T33 smoke blue gloss 100 microns DFT and Anti Graffiti.
- Interpon (easy clean).
- Meets requirements of IP55.

18RU
Field Cabinet

FIELD CABINETS

Industrial Enclosures

Cabinet Inclusions

- Cabinet Frame.
- Canopy.
- Plinth.
- Front and Rear Door.
- Mounting Rails (x4).
- Bottom Gland Plate.
- Document Holder.

Available In NZ On Request

Field Cabinet

Stock No.	RT No.	Description
On Request	S-RD3362	33RU 1715mm H x 705mm W x 625mm D

Available In NZ On Request

Side Panels

Stock No.	RT No.	Description
On Request	S-RD3362-50	Standard
On Request	S-RD3362-51	With vent pods and lower filter & fans

Optional Accessories

- Light.
- Heater.
- Side Mounted Air Conditioning.
- Terminal Block.
- Thermostat Control for Fan/Heater.
- Optional Side Panel with Filter & Fan.
- Switch Board Load Centre.

33RU
Field Cabinet

24RU
Field Cabinet With Aircon

Industrial Enclosures

Rack Technologies is a leading manufacturer of 19" & 26" enclosures for the communications, electronics, electrical and security industries. All of our products are Australian Made in our factory in Sydney's West.

Our range of Scada and Electrical Cubicals are currently in demand with major utilities throughout Australasia.

All cubicals are based upon our 48RU (as preferred by utilities) fully welded frame with a load capacity of 1000kg (UDL). The swing frame has a load capacity of 150kg (UDL).Flush fitting doors and side panels are available in a variety of designs including solid steel, perforated steel, acrylic and vented acrylic.

We have an extensive range of blanking panels, test terminal racks and mounting plates upon request. We also manufacture wide range of optional accessories including cable ducting, earth bars and cable trays.

With our dedicated engineering team, we can custom design our cubicles to meet your exact specification.

Features

- Fully complies with International Standard.
- IEC 297.
- Robust fully welded construction.
  (load tested to 1000kg (UDL).
- Swingframe load capacity to 150kg (UDL).
- Flush fitting doors and side panels.
- Inbuilt Plinth Base.
- Powder coated storm grey.
- Installer friendly fittings and adjustability.
- Extensive range of optional accessories.

Options & Accessories

- Shelves.
- Power Rails.
- Cantilever Shelf Fan.
- Castors.
- Document Holder.

ELECTRICAL PANELS & CUBICLES

Cabinet Inclusions

Fixed Cabinet

- Steel Front Door with Swing Handle.
- Steel Rear Door.
- Rails (x2).
- Plinth.
- 600mm Cable Tray (x2).
- 120 x80 Slotted Cable Duct with cover (x2).
- 80 x80 Slotted Cable Duct with cover (x2).
- DIN Rails (x2).
- M12 Eyebolts (x2).
- Earth Bar (x2).
- Roof Panel with Cable Entry, Gland Plate & Light.
- Joining Kit.

Swing Frame Cabinet

- Steel Front Door with Swing Handle.
- Steel Rear Door.
- Rails (x2).
- Plinth.
- 600mm Cable Tray (x2).
- 120 x80 Slotted Cable Duct with cover (x2).
- 150 x100 Slotted Cable Duct with cover (x1).
- DIN Rails (x2).
- M12 Eyebolts (x2).
- Earth Bar (x1).
- Roof Panel with Cable Entry, Gland Plate & Light.
- Joining Kit.
- Gear Tray.

Available In NZ On Request

Electrical Panels & Cubicles

Stock No.	RT No.	Description
On Request	EE-FA1-48RU	Fixed Cubicle - Rear Access
On Request	EE-RA1-48RU	Swing Frame Cabinet - Rear Access

48RU
Field Cubicle

48RU
Swing Frame

CyberPower®

Reliability. Quality. Value.

UPS Systems

PLP Rack Technologies Limited

BACKUP UPS SYSTEMS

BRICs LCD Series

The BRICs LCD Series UPS suplies clean and stable power to protect your equipment.

The included PowerPanel® Personal Edition Management Software showcases the feature rich abilities of the UPS such as input/output power voltage readings, self-dianostics, scheduled shutdown, and approximate battery back-up time.

These UPS units can be installed in ether a horizonital or wall mounted position to make the most of your space.

With Energy-Saving Techmology, the BRICs LCD Series UPS will save up to 75% on your electricity bill.

Applications

- Home and Home Office
- Small Office
- Medium Business
- Corperate Data Centre
- Home Theater System

Series Features

- GreenPower UPS™ Technology
- Save up to 75% of electricity
- Microprocessor based full digital control
- Automatic Voltage Regulator (AVR)
- EMI, RFI, Surge and Lightning Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- PowerPanel® Personal Edition Software
- Scheduled shutdown
- Auto-Restart/Auto-Charge
- Horizontal/Wall-Mounted Use
- USB Connectivity Port
- Compact design with highest power output
- LCD Status Monitor
- User-Replaceable Batteries
- Cable Collector Included

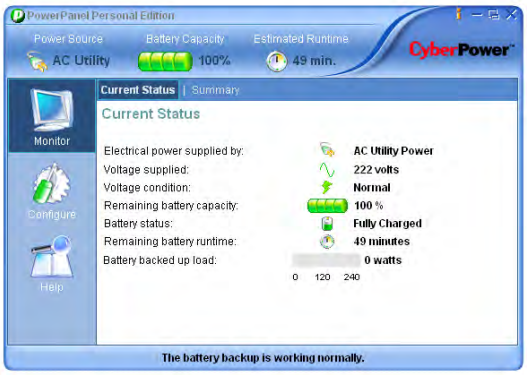
Convenient, multifunction LCD readout of power/battery conditions containing: load, runtime, power and other conditions with a simple push-of-a-button.

LCD Status Monitor

Cable Collector

To maintain a neat and tidy space without the need to tie, put the cables connected to the AC outlets in the cable collector.

PowerPanel® Personal Edition Software Included



CyberPower®
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BACKUP UPS SYSTEMS

BRICs LCD Series

1. Power On/Off switch
2. Power On Indicator
3. LCD function select switch
4. Battery back-up and surge protection outlets
5. Surge protection outlets
6. Data port to PC (USB)
7. Phone/Fax/Modem/Network protection ports
8. AC Input power cord
9. Input Circuit Breaker
10. Cable collector

Model	BR650ELCD	BR850ELCD
Configuration		
Capacity (VA / Watts)	650 / 390	850 / 510
Energy-Saving Technology	Yes	
Input		
Frequency Range	47 Hz – 63 Hz (Auto Sensing)	
Output		
UPS Outlets (Numbers)	6 (3 for battery backup and surge, 3 for surge)	
On Battery Output Voltage	Simulated Sinewave at 230 Vac +/- 10%	
On Battery Output Frequency	50 Hz / 60 Hz +/- 1%	
Transfer Time (Typical)	4ms	
Overload Protection	"On Utility: Circuit Breaker & Internal Current Limiting On Battery: Internal Current Limiting"	
AVR	Single Boost	Single Boost
Surge Protection and Filtering		
Lightning / Surge Protection	Single Boost	Single Boost
DSL / Phone / FAX / Modem Protection	Yes	
Physical		
Dimensions (H x W x D) (mm)	113.6 x 271 x 160.7	
Weight (kg)	5.5	6.4
Battery		
Sealed Maintenance Free Lead Acid Battery	12V / 7AH x 1	12V / 8.5AH x 1
User Replaceable	Yes	
Typical Recharge Time	8 Hours	
Runtimes		
Half-load / Full-load (mins)	9 / 2	8 / 1
Status Indicators		
Indicators	Power On	
Audible Alarms	On Battery, Low Battery, Overload	
Communication		
PowerPanel® Personal Edition	Windows 7 / Vista / XP / 2000, Server 2008 / 2003	
Management		
Self Test	Yes	
Auto-Charge / Auto-Restart	Yes	
Connectivity Ports	USB	
Accessories		
"External AA/AAA battery charger, connection via USB charger"	Yes	

BACKUP UPS SYSTEMS

Value GP Series

Value GP Series UPS with Automatic Voltage Regulator (AVR) is the best solution for SOHO to supply a clean and stable power.

Value GP Series UPS includes PowerPanel® Personal Edition Management Software and is compatible with many different operating systems including Microsoft Windows 98/Me/2000/NT/XP/ Vista/7.

Via connection through the USB port PowerPanel® Personal Edition Management Software provides added versatility to the UPS, like power voltage readings, scheduled shutdown, and remaining battery capacity, remaining battery runtime, etc.

Featured GreenPower UPS™ technology enables Value GP Series UPS to save up to 75% on your electricity bill.

Applications

- Home and Home Office
- Home Theater System
- Small Office

Automatic Voltage Regulation

Automatically increases low utility power and decreases high utility power to a consistent and safe 220/240 volts. The AVR also automatically provides battery back-up power if line voltage drops below 160 volts, or exceeds 265 volts.

Series Features

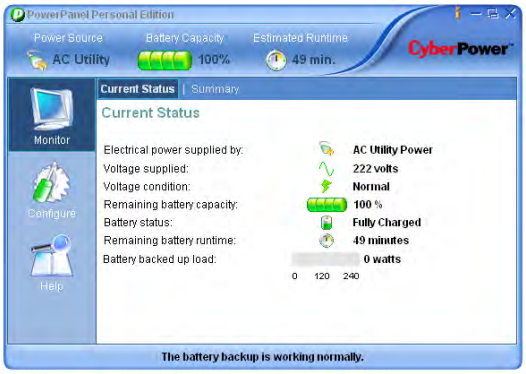
- GreenPower UPS™ Technology
- Save up to 75% of electricity
- Automatic Voltage Regulator (AVR)
- EMI, RFI, Surge and Lightning Spike Protection
- PowerPanel® Personal Edition Software
- Auto-Restart/Auto-Charge
- USB Connectivity Port
- LCD Status Monitor
- User-Replaceable Batteries
- Cable Collector Included

GreenPower UPS

CyberPower UPSTM with the innovative Energy-Savings technology will consume up to 75% less energy than a standard UPS system and save your energy bill.

ENERGY-SAVING TECHNOLOGY

PowerPanel® Personal Edition Software Included



ENERGY-SAVING TECHNOLOGY AVR AUTOMATIC VOLTAGE REGULATOR USB RoHS

PLP Rack Technologies Limited

CyberPower® Reliability. Quality. Value.

BACKUP UPS SYSTEMS

Value GP Series

1. Power On/Off switch
2. Power On Indicator
3. Communication port to PC (Serial)
4. Communication port to PC (USB)
5. Battery back-up and surge protection outlets
6. AC Input

Model	VALUE600E-GP	VALUE800E-GP	VALUE1000E-GP
Configuration			
Capacity (VA / Watts)	600 / 360	800 / 480	1000 / 530
Energy-Saving Technology	Yes		
Input			
Frequency Range	47 Hz – 63 Hz (Auto Sensing)		
Input Plug Type	IEC 320 C14		
Output			
UPS Outlets (Numbers)	(3) IEC		
On Battery Output Voltage	Simulated Sinewave at 230 Vac +/- 5%		
On Battery Output Frequency	50 Hz/60 Hz +/- 1%		
Transfer Time (Typical)	4ms		
Overload Protection	"On Utility: Fuse & Internal Current Limiting On Battery: Internal Current Limiting"		
AVR	Yes		
Surge Protection and Filtering			
Lightning / Surge Protection	Yes		
Physical			
Dimensions (H x W x D) (mm)	140 x 100 x 320		
Weight (kg)	5.1	6.1	6.2
Battery			
Sealed Maintenance Free Lead Acid Battery	12V / 7AH x 1	12V / 8.5AH x 1	
Typical Recharge Time	8 Hours		
Runtimes			
Half-load / Full-load (mins)	10 / 2	8 / 1	7 / 1
Status Indicators			
Indicators	Power On, Using Battery		
Audible Alarms	On Battery, Low Battery, Overload		
Multi-functional LCD Readout	N/A		
Communication			
PowerPanel® Personal Edition	Windows 7 / Vista / XP / 2000, Server 2008 / 2003		
Management			
Self Test	Yes		
Auto-Charge / Auto-Restart	Yes		
Connectivity Ports	USB, Serial		

BACKUP UPS SYSTEMS

Value GP LCD Series

Value GP LCD Series UPS with Automatic Voltage Regulator (AVR) is the best solution for SOHO to supply a clean and stable power.

Value GP LCD Series UPS includes PowerPanel® Personal Edition Management Software and is compatible with many different operating systems including Microsoft Windows 98/Me/2000/NT/XP/Vista/7.

Via connection through the USB port PowerPanel® Personal Edition Management Software provides added versatility to the UPS, like power voltage readings, scheduled shutdown, and remaining battery capacity, remaining battery runtime, etc.

Featured GreenPower UPS™ technology enables Value GP Series UPS to save up to 75% on your electricity bill.

Applications

- Home and Home Office
- Home Theater System
- Small Office
- Medium Business
- Corperate Data Center

Convenient, multifunction LCD readout of power/battery conditions containing: load, runtime, power and other conditions with a simple push-of-a-button.

LCD Status Monitor

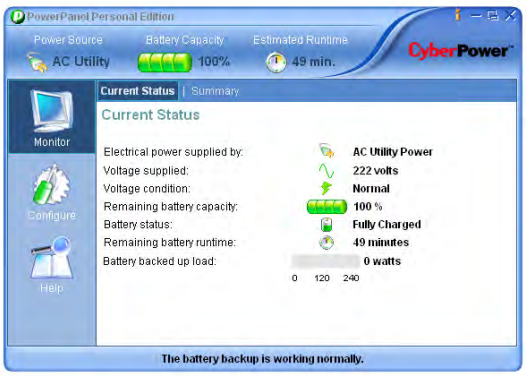
Series Features

- GreenPower UPS™ Technology
- Save up to 75% of electricity
- Automatic Voltage Regulator (AVR)
- Metal Housing Design
- Auto Shutdown Software
- USB & Serial Connectivity Ports
- PowerPanel® Personal Edition Software
- Phone/Fax/Modem/DSL/Network Protection
- Auto-Restart/Auto-Charge
- LCD Status Monitor

RJ11/RJ45 Protection

The RJ11/RJ45 port is designed to protect data lines and communication equipments from AC transients caused by lighting surge, electrostatic discharge and other power abnormalities.

PowerPanel® Personal Edition Software Included



PLP Rack Technologies Limited

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BACKUP UPS SYSTEMS

Value GP LCD Series

1. Power On/Off Switch
2. LCD Display
3. Display Select
4. Communication Port to PC (Serial)
5. Communication Port to PC (USB)
6. Phone/Fax/Modem/DSL/Network Protection Ports
7. Battery Back-Up and Surge Protection Outlets
8. Circuit Breaker Protection
9. AC Input

Model	VALUE1200E-GP	VALUE1500E-GP	VALUE2200E-GP
Configuration			
Capacity (VA / Watts)	1200 / 720	1500 / 900	2200 / 1320
Energy-Saving Technology	Yes		
Input			
Frequency Range	47 Hz – 63 Hz (Auto Sensing)		
Input Plug Type	IEC 320 C14		
Output			
UPS Outlets (Numbers)	(6) IEC		
On Battery Output Voltage	Simulated Sinewave at 230 Vac +/- 10%		
On Battery Output Frequency	50 Hz / 60 Hz +/- 1%		
Transfer Time (Typical)	4ms		
Overload Protection	"On Utility: Circuit Breaker & Internal Current Limiting On Battery: Internal Current Limiting"		
AVR	Single Boost		
Surge Protection and Filtering			
Lightning / Surge Protection	Yes		
DSL / Phone / FAX / Modem Protection	RJ11 / RJ45 (One In / One Out)		
Physical			
Dimensions (H x W x D) (mm)	180 x 140 x 326		
Weight (kg)	12.7	14	15.1
Battery			
Sealed Maintenance Free Lead Acid Battery	12V / 7AH x 2	12V / 8.5AH x 2	12V / 9AH x 2
User Replaceable	Yes		
Typical Recharge Time	8 Hours		
Runtimes			
Half-load / Full-load (mins)	10 / 3	9 / 2	7 / 1
Status Indicators			
Indicators	Power On, Using Battery		
Audible Alarms	On Battery, Low Battery, Overload		
Multi-function LCD Readout	Yes		
Communication			
PowerPanel® Personal Edition	Windows 7 / Vista / XP / 2000, Server 2008 / 2003		
Management			
Self Test	Yes		
Auto-Charge / Auto-Restart	Yes		
Connectivity Ports	USB, Serial		

SMART APP UPS SYSTEMS

Professional Rackmount LCD Series

The Professional Rackmount LCD Series provides advanced level of power protection to mission-critical servers, telecom equipment, VOIP and internet working hardware. Featuring Pure Sinave output and Automatic Voltage Regulation (AVR), it can stabilize AC signal or deliver seamless power to connected equipment.

The Multifunction LCD Readout indicates critical power/battery conditions. The included PowerPanel® Business Edition management software provided comprehensive network power management including unattended-shutdown, event logging, reporting, and notifications.

The patented GreenPower UPS™ technology can reduce energy costs by up to 75% and dissipate 80% less heat than competitive models. An option SNMP/HTTP Remote Management Capabilities enables remote management of the system thought standard web browser.

The unique convertible design allows configuration flexibility in ether Tower (T) or Rackmount (RM) form.

Designed for

- Corporate and Departmental Servers
- Telecommunication Equipment
- Professional Audio/Video Systems
- PBX and VOIP Installations
- Internetworking Hardware
- Network Appliances
- CAD/CAM Workstations
- Complex Surveillance and Security Systems
- Switches, Routers, Hubs, Firewalls, Wireless Equipment

Series Features

- Pure Sinewave Output
- Multifunction LCD Readout
- Automatic Voltage Regulator (AVR)
- Phone/Fax/Modem/DSL/Network Protection
- Extended Runtime (XL) models available
- Hot-swappable battery packs
- Dual Serial ports and USB connectivity*
- Emergency Power Off (EPO) port
- Line-Interactive UPS topology
- GreenPower UPS™ Technology
- PowerPanel® Personal Edition Software
- SNMP/HTTP Remote Management Capabilities
- EMI/RFI Noise-filtering
- Automatic-unattended shutdown/restart
- Rack/Tower convertible configurations available
- Protected On/Off switch

Model	Form	Topology	LCD	AVR	VA	Watt	Outlets	RJ11/45	USB	SNMP/HTTP	Software
PR750ELCDRT1U	RM	Sinewave	✓	✓	750	500	6	-	✓	✓	✓
PR1000ELCDRT1U	RM	Sinewave	✓	✓	1000	670	6	-	✓	✓	✓
PR1000ELCDRT2U	RM/T	Sinewave	✓	✓	1000	700	8	✓	✓	✓	✓
PR1500ELCDRT2U	RM/T	Sinewave	✓	✓	1500	1000	8	✓	✓	✓	✓
PR2200ELCDRT2U	RM/T	Sinewave	✓	✓	2200	1600	8	✓	✓	✓	✓
PR3000ELCDRT2U	RM/T	Sinewave	✓	✓	3000	2250	10	✓	✓	✓	✓
PR1000ELCDRTXL2U	RM/T	Sinewave	✓	✓	1000	750	10	✓	✓	✓	✓
PR1500ELCDRTXL2U	RM/T	Sinewave	✓	✓	1500	1125	10	✓	✓	✓	✓
PR2200ELCDRTXL2U	RM/T	Sinewave	✓	✓	2200	1650	10	✓	✓	✓	✓
PR3000ELCDRTXL2U	RM/T	Sinewave	✓	✓	3000	2400	9	✓	✓	✓	✓
PR5000ELCDRTXL5U	RM/T	Sinewave	✓	✓	5000	4000	10	✓	✓	✓	✓
PR6000ELCDRTXL5U	RM/T	Sinewave	✓	✓	6000	4500	10	✓	✓	✓	✓

Note: Specifications are subject to change without notice.

ENERGY-SAVING TECHNOLOGY · Sinewave Output · AVR AUTOMATIC VOLTAGE REGULATOR · USB · RoHS · HOT SWAPPABLE BATTERY PACK · Internet SNMP/HTTP · АИ 30 · CE

PLP Rack Technologies Limited

CyberPower®
Reliability. Quality. Value.

SMART APP UPS SYSTEMS

Professional Rackmount Series

Multifunction LCD Readout

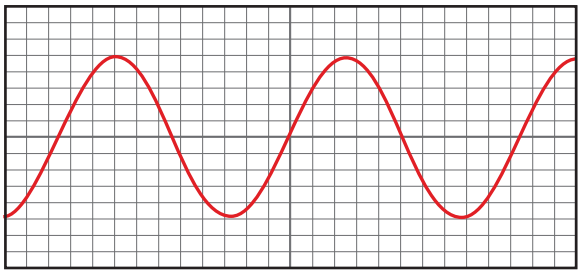
The rotatable LCD readout provided immediate, detailed information about the status of UPS battery and power conditions. Also, advanced settings can be configured using the push button to alert you to potential power problems before they affect your equipment.

LCD Display Information		
• Load/Current Level	• Runtime	• Output Frequency*
• AVR in Use*	• Battery In Use	• Input Voltage
• Overload	• Battery Level	• Output Voltage
• Silent Mode	• Battery Shutdown Voltage	• Normal Operation
• Static Frequency Tolerance	• Battery Pack Numbers*	• Slew Rate
• Temperate (F and C)*		

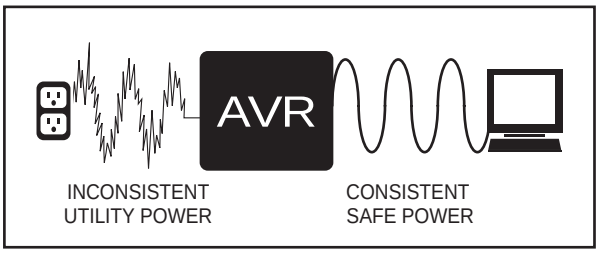
Pure Sinewave Battery Output

The Professional Rackmount Series provides mission-critical equipment with the highest level of line clarity - Pure Sinewave. Distorted power and power anomalies, such as harmonics, high voltage transients, and surges, while not as obvious as blackouts, can cause serious equipment performance and reliability problems. When incoming power is abnormal, the Professional Rackmount Series delivers smooth, Sinewave battery output, which ensures equipment continues to operate optimally. Pure Sinewave power is required for an increasing number of electronics that utilize power factor correction (PFC) power supplies.

- **Servers:** Operate at optimal specifications.
- **Electronic equipment:** Extends equipment life (such as VOIP, PBX) by running cooler and more efficient.
- **Telecommunications:** Eliminates disrupting static, or hum in telecommunication equipment.
- **Sensitive electronics:** Operate properly and retain settings.
- **Commercial/Professional Audio/Video:** Power noise is eliminated, removing lines in television screens and hum in sound systems.



Simulated Sinewave output produces a Sinewave that is "stepped" or modified, while pure Sinewave output produces a Sinewave that is similar to normal AC wall power.



Automatic Voltage Regulation

Automatically increases low utility power and decreases high utility power to a consistent and safe 220/230/240 volts. The AVR also automatically provides battery back-up power if line voltage drops below 160 volts, or exceeds 290 volts.

Hot Swappable, Front-load Batteries

When performing battery maintenance, maintaining 100% uptime and connected equipment availability is essential for the majority of businesses. The Professional Rackmount Series features hot swappable, front-loaded battery packs that are easy to install and ensure that connected equipment uptime is maintained during normal battery maintenance.

As long as utility power is present, the batteries can be hot-swapped without interrupting power to connected equipment. The process of swapping out the batteries does not require special equipment. Simply pull the front cover off and remove the internal battery pack holder with a Phillips screwdriver. Slide the front-loaded battery pack out of the UPS and then slide the new battery pack into the UPS unit and secure

SMART APP UPS SYSTEMS

Online Series

The Online Series UPS is ideal for servers, networking equipment, workstations and other mission-critical applications which require Pure Sineware power protection. Featuring Double Conversion design and Zero Transfer Time, it can provide consistent and seamless Pure Sinewave power to critical loads.

With the add-on advantage of Extended Runtime (XL) battery packs, the UPS backup time can be extended to maximize workflow flexibility. An optional SNMP/HTTP Remote Management Capabilities enables remote management and control of the system through standard web browser.

The included PowerPanel® Business Edition management software provides corporate servers and critical workstations comprehensive network power management including unattended-shutdown, event logging, reporting, and notifications.

Designed for

- Corporate and Departmental Servers
- Telecommunication Equipment
- Professional AudioNideo Systems
- PBX and VOIP Installations
- Internetworking Hardware
- Network Appliances
- CAD/CAM Workstations
- Complex Surveillance and Security Systems
- Switches, Routers, Hubs, Firewalls, Wireless Equipment

Rotatable LCD Panel

Series Features

- Smart Battery Management (SBM)
- Hot-swappable battery packs
- Smart fan speed control by load level
- Emergency Power Off (EPO)
- High efficiency mode setting
- Battery remain time estimate
- LCD support multiple language
- Online output voltage setting
- Generator mode setting
- Wide input voltage/frequency range
- Remote control/Wall-mountable LCD panel
- Rack/Tower convertible configurations available
- Rotating multifunction LCD readout
- PowerPanel® Business Edition software

Powerful Remote Management Capabilities

Model	Form	Topology	Half-Load	V/A	Watts	RemoteLCD	Detachable PDU	Serial	USB	SNMP/HTTP	Software
OL6000ELCDRTXL3U	RM/T	Online	15.8 mins	6000	4800	-	✓	✓	✓	✓	✓
OL8000ELCDRTXL3U	RM/T	Online	22 mins	8000	6400	-	✓	✓	✓	✓	✓
OL10000ELCDRTXL3U	RM/T	Online	15 mins	10000	8000	✓	✓	✓	✓	✓	✓
OL6000ELCDTWXL	Tower	Online	15.8 mins	6000	4800	✓	-	✓	✓	✓	✓
OL8000ELCDTWXL	Tower	Online	22 mins	8000	6400	✓	-	✓	✓	✓	✓
OL10000ELCDTXL	Tower	Online	15 mins	10000	8000	✓	-	✓	✓	✓	✓

Note: Specifications are subject to change without notice.

Sinewave Output

HOT SWAPPABLE BATTERY PACK

Internet SNMP/HTTP

АИ 30

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Reliability. Quality. Value.

SMART APP UPS SYSTEMS

Online Series

Remote Control/ Wall-mountable LCD panel

CyberPower Smart App Online systems feature-rich LCD panel conveniently enables remote control for UPS, The wall-mountable design for LCD panel allows you the flexibility of space arrangement.

Optional Detachable PDU

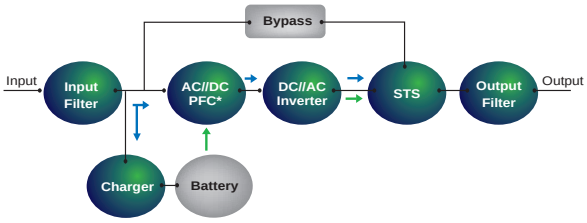
We offer detachable PDU(Power Distribution Unit) option with L6-20R, L6-30R outlets and TB3P for output. There is also a manual bypass switch for you to operate the unit easily.

Convertible Rack/Tower Configuration

The feature-rich Online Series UPS can be mounted in a Tower or Rackmount form. This configuration flexibility is especially important to growing organizations with changing needs and value having the option to position a UPS vertically or in a rackmount system.

Ultimate Protection: Online Double Conversion Topology

CyberPower Smart App Online systems provide continuous, consistent and clean 240V Pure Sinewave power to mission-critical equipment, regardless of the incoming power conditions.



Online (Double Conversion) topology provides an extra layer insulation from power problems. This is achieved by continuously operating off battery power and having zero transfer time during power outages. Online topology also stabilizes output frequency and voltage, and eliminates any line noise that may be apparent in industrial settings or when operating off generator power.

Remote Management Capabilities

The Smart App Online Series includes full-featured network UPS management capabilities using the included PowerPanel® Business Edition software suite or an optional SNMP/Network management card. These remote management tools enable centralized remote management, monitoring, UPS control, and server/desktop shutdown via a Web Browser, or network management system (NMS).

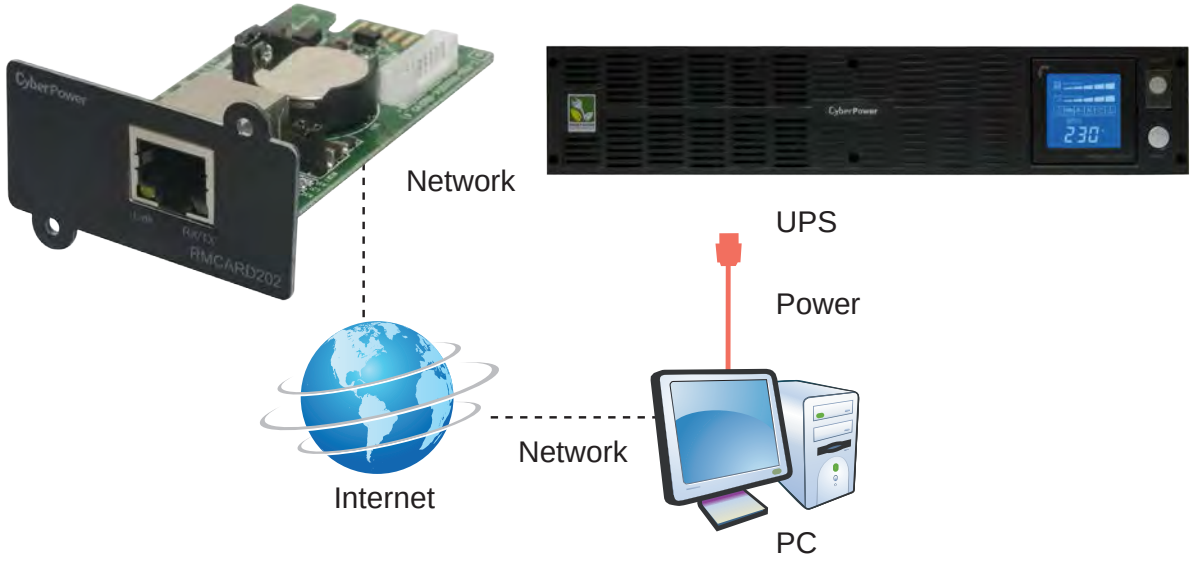
Moreover, the included PowerPanel® Business Edition software suite enables an administrator to remotely manage, monitor, control, and configure the UPS and server/computer shutdowns at a detailed level.

Remote Management Benefits:

- Remote management and configuration of the UPS via Web Browser, or network management system (NMS)
- Multiple Alert Notification options: Email, SMS, XMPP, Messenger, SNMP messaging
- Supports multiple protocols: TCP/IP, UDP, SNMP, HTTP, BOOTP, and DHCP
- 1OM bps Ethernet compatible
- PowerPanel® Business Edition software provides comprehensive network power management for corporate servers and critical workstations supported by UPSs, including: application/OS shutdown, event logging, reporting, alerts, notifications, and remote management
- Automatic events notification via SNMP Trap
- Flexible Event Action setting
- Auto-shutdown to protect servers/workstations from data loss due to power failure
- Remote scheduling of UPS shutdown, startup, and reboot
- Event logging to record the history of UPS operations
- Quick installation and user-friendly interface

SNMP/HTTP Network solution

SNMP/HTTP Network solution is a easy-to-use and convenient solution for you to remotely manage, monitor, and control your UPS via internet browser at any time.



Features & Benefits

- Real-time UPS monitoring
- Remote management and configuration of UPS via Web Browser or NMS
- Auto-shutdown to protect servers/workstations from losing data due to power failure
- Schedule-shutdown/start-up/reboot of the UPS via remote control
- Event logging to trace UPS operational history
- Data logging for analyzing power conditions
- Event notification via email and SNMP traps
- Support TCP/IP, UDP, SNMP/HTTP, NTP, DNS, SMTP pro ocol
- SNMP MIB provided
- Quick installation and user friendly interface
- User upgradeable firmware via FTP
- Security management provided
- 10/100 Mbps Ethernet Compatible

Webviewer

Through standard web browser you can access the UPS and have real-time monitoring and control. An easy-to-use interface will guide you through main operations as followings:

- Monitoring

Present product info and current status of UPS including voltage/frequency, load, battery capacity, temperature and etc.

- Control

Execute basic operations of the UPS, for example, self-diagnostics, put UPS in sleep mode, silence buzzer, reboot and schedule power on/off daily, weekly or special event.

- Event

List the power events, data log and the setting of notification.

PowerPanel® Business Edition Client

Servers/workstations protected by the UPS must be installed with PowerPanel® Business Edition Client to enjoy the extra value-packaged features as followings:

- UPS Status Notification

Define recipients of event notification who are under the same domain name with that of the protected servers/ workstations.

- Safe Shutdown Operation

Configure graceful shutdown of the protected servers/ workstations.

- User Programmable Command File

In the section of event action, we provide flexibility in addition of your own command file to perform a specific action.

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SMART APP UPS SYSTEMS

PowerPanel® Management Software

PowerPanel® management software is packaged with CyberPower UPS products and is an integral component of battery backup and data protection solutions. The PowerPanel intuitive dashboard interface is extremely easy to navigate for first-time users, and powerful enough for administrators and system integrators. In the event of a power loss, PowerPanel® automatically saves files and safely shuts down the computer in a safe and orderly manner.

PowerPanel® Business Edition

The primary edition of PowerPanel® software-PowerPanel® Business Edition is designed for enterprise-class applications, and gives power users and administrators the tools needed for full local/remote control.

This industry-leading software is capable of managing all power conditions of worr stations and servers electrically-connected to the UPS on the network. Its features include automatic event logging/reporting, notifications, server shutdown, and a user-friendly dashboard interface. It also allows for control customization. These enterprise-level features give administrators the power to fully manage their UPS system and safeguard all connected equipment.

- Web remote management
- User-friendly, dashboard interface
- Load/current draw and runtime status

- Automatic file-saving, equipment shutdown, and OS hibernation
- Scheduled shutdowns, outlet control, and restarts
- Multiple Alert Notification options: Email, SMS, Messenger, Alert message box

PowerPanel® for Linux

PowerPanel® for Linux software can be used with most CyberPower UPS products. This exclusive software allows control and monitoring of UPS equipment to provide protection for computer system, components, peripherals, and most important of all, the data. In the event of a power loss, PowerPanel® will safely shutdown computers in a safe and orderly manner.

MAC Energy Saver

Apples' Energy Saver power management software has the capability of reducing energy consumption of UPS devices. CyberPowr UPS systems, which feature a HID compliant USB port, are 100% compatible with Apple's Energy Saver software.

CYBERSHIELD™

Telecommunication DC UPS

Local Powering Solution For

- Cable Telephony
- Wireless Local Loop
- VoIP and VoDSL
- Fiber to the Home
- MTU / MDU
- SOHO Network Communication

Product Features

- Universal input volt
- Microprocessor based intelligent control
- Communication interface
- Optional extendable runtime
- Audible Alarm signals utility failure and low
- Easy user-replaceable batteries

Dependable Products

CyberShield DC power supplies are the products you can trust. Period. No recalls; no unnecessary truck rolls. Dependable products designed specifically for all broadband applications.

Quality
- State-of-the-art manufacturing and design facilities.
- Rigorous quality control tests
- Maintenance-free products and easy installation

Safety
- UL, cUL, FCC, CE safety tested
- Products exceed Telcordia standards
- Proven track record of quality and dependability

Customer Service
- Live, professional technical support
- NO automated menus
- All questions answered promptly

Expandability
- Continual product enhancements
- New product development
- Extended battery packs

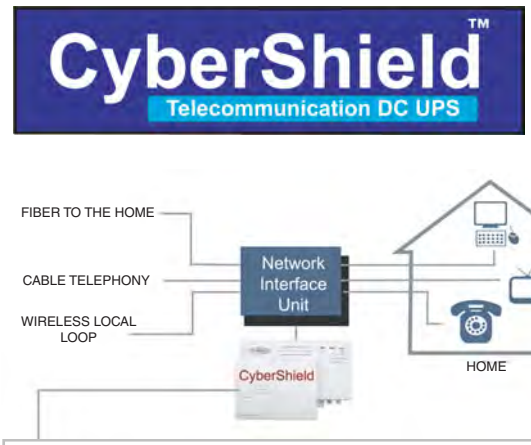
Intelligence
- Easy-to-read LEDs; audible alarms
- Self-diagnostic tests
- Hot swappable batteries

Product Availability
- MRP inventory control
- Inventory trend forecasting
- Proper inventory and safety stock levels

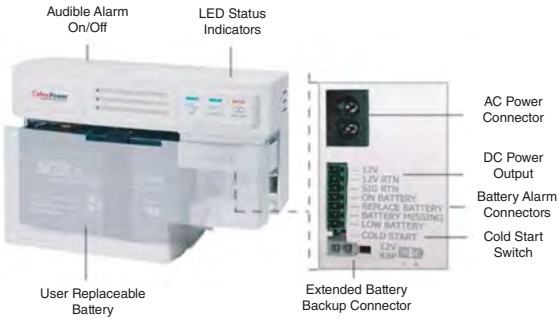
PLP Rack Technologies Limited

CYBERSHIELD™

Telecommunication DC UPS



CyberPower CyberShield delivers uninterruptible power to network communications and telephony. Along with providing stable 12VDC or 48VDC power, our units are supplemented with battery backup modules to ensure clean, continuous power, even through power loss. CyberShield products plug directly into network interface units, cable telephony modems, wireless base stations, and fiber to the premise interface modules or integrated access devices.

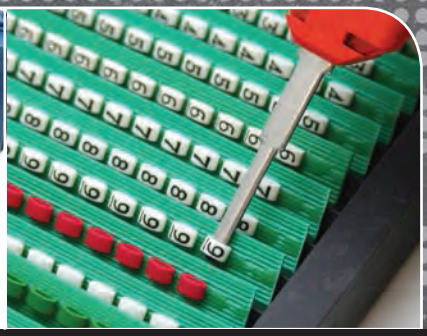


Note that sealed lead-acid batteries should not be left discharged below 50% of full change for any significant period of time. Sealed lead-acid batteries stored for extended periods of time at low charge levels are subject to permanent failure (i.e. will not recharge)

Model	CS24U12V	CS24U12V-12	CS24C12V2-E	CS24U12V-XL	CS30U12V-20	CS16U48V-8	CS50U48V	CS20A-EBP
Operation								
Area of use	Interior	Interior	Interior	Interior	Interior	Interior	Interior	Interior
RoHS Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input								
Voltage Range	87Vac - 264Vac (Universal Input)							
Frequency Range	47 - 70 Hz							
Output								
On Battery Output Voltage	12Vdc					48Vdc		
Continuous Power Capability	24W				30W	16W	50W	
Output Power Maximum	24W				30W	16W	50W	
Efficiency (at 75% Max Load)	> 85%					> 75%		
Battery								
Sealed, Maintenance Free Lead-Acid Battery	7.2AH/12V	12AH/12V	7.2AH/12V	7.2AH/12V	20AH/12V	8AH/12V	20AH/12V	20AH/12V
Intelligent Charging	Unit evaluates battery temperature and adjusts the charging cycle accordingly							
Typical Recharge Time	18 Hours	24 Hours	18 Hours	18 Hours	42 Hours	12 Hours	18 Hours	-
User Replaceable	Yes, Hot Swappable							
Warning Diagnostics								
Audible Indicator	Utility Failure, Low Battery							
LED Indicators	AC, Output Battery							
Management								
Auto-Charge	Yes							
Communication Interface	On Battery, Replace Battery, Battery Missing, Low Battery							
Environment								
Operating Temperature	32°F to 104°F (0°C to 40°C)							
Operating Humidity	0% - 95% condensing							
Maximum Operating Elevation	10,000ft (3,000m)							
Storage Temperature	5°F to 113°F (-15°C to 45°C)							
Maximum Storage Elevation	50,000ft (15,000m)							
Physical								
Unit Dimensions (cm)	23.5x15.9x8.9	23.5x15.9x11.4	23.5x15.9x8.9	23.5x15.9x8.9	29.8x27.9x10.2	23.5x15.9x8.9	29.8x27.9x10.2	29.8x27.9x10.2
Unit Weight (kg)	3.3	4.7	3.3	3.3	7.0	3.3	7.0	7.0
Carton Dimensions (cm)	35.6x35.6x12.1	35.6x35.6x15.9	35.6x35.6x15.9	35.6x35.6x12.1	43.2x43.2x22.9	35.6x35.6x12.1	43.2x43.2x22.9	43.2x43.2x22.9
Carton Weight (kg)	4.3	5.9	4.3	4.3	9.5	4.3	10.0	10.0

ELECTROPAR

PREFORMED LINE PRODUCTS



cable marking

Grafoplast®

CABLE MARKING

EpaTag Cable Markers

Cable marking in the past has been characterised by large unprotected markers being placed on the slides and then cable ties to cables. Due to low prices, this system was the popular, yet inefficient, choice. But with the EpaTag cable marking system, manual marking has become simpler, and far more cost effective and incredibly long lasting.

Not only that, the markers are full protective by a sleeve, into which the elements are placed to effectively mark cables, for extended periods of time.

EpaTag Alpha Black On Yellow

Stock No.	Tag Description	Unit
470750	A	200
470754	B	200
470758	C	200
470762	D	200
470766	E	200
470770	F	200
470774	G	200
470778	H	200
470782	I	200
470786	J	200
470790	K	200
470794	L	200
470798	M	200
470802	N	200
470806	O	200
470810	P	200
470814	Q	200
470818	R	200
470822	S	200
470826	T	200
470830	U	200
470834	V	200
470838	W	200
470842	X	200
470846	Y	200
470850	Z	200

EpaTag Numbers Black On Yellow

Stock No.	Tag Description	Unit
470700	0	200
470404	1	200
470408	2	200
470412	3	200
470416	4	200
470420	5	200
470424	6	200
470428	7	200
470432	8	200
470436	9	200

EpaTag Symbols Black On Yellow

Stock No.	Tag Description	Unit
470870	SYMBOL "+"	200
470874	SYMBOL "-"	200
470878	SYMBOL "earth"	200
470882	SYMBOL " / "	200

EpaTag Sleeves

Stock No.	Tag Description	Unit
470900	"Sleeve 100mm x 10mm (tags 100 x 10)"	100
470904	"Sleeve 70mm x 10mm (tags 70 x 10)"	100

EpaTag Cable Ties Black UV Stable

Stock No.	Tag Description	Unit
470920	Cable tie 100mm x 2.5mm	100
470922	Cable tie 148mm x 3.5mm	100
470924	Cable tie 198mm x 4.7mm	100
470926	Cable tie 305mm x 4.7mm	100
470928	Cable tie 392mm x 4.7mm	100
470930	Cable tie 388mm x 7.8mm	100
470932	Cable tie 536mm x 13mm	100

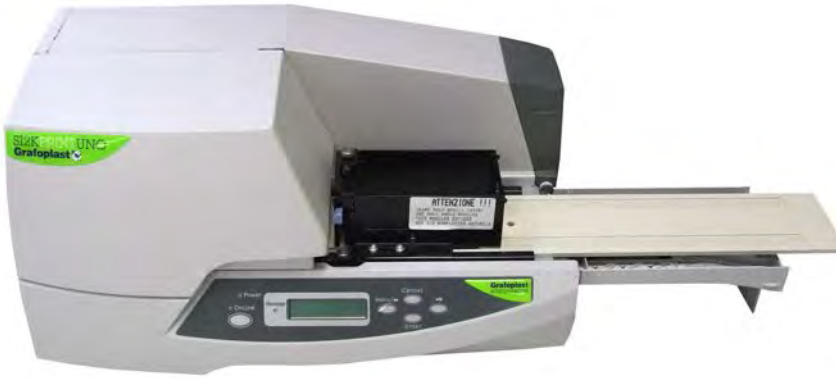
EpaTag Specifications

Labels:
VO-UL94 rated
Halogen free
UV Tested by SABS and passed

Sleeves:
PVC is VO-UL94 rated

CABLE MARKING

Grafoplast Trasp System



Cable marking is available on request from custom personalised printed labels to order, through to the complete range of Grafoplast Trasp Marking Systems.

Talk to your representative today regarding the full range of options available, or reference the Electropar - PLP Grafoplast Section, of this catalogue series.

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