

CHLORIDE

Secure Power Always

Power Rack Plus from 750 to 3000 VA



Uninterruptible Power Supply

Power Rack Plus from 750 to 3000 VA

Innovative technology for professional applications.

The Range

Chloride's Power Rack Plus product family is available from 750 to 3000 VA and provides electronically sensitive equipment with a vital layer of protection from power disturbances and failures.

Flexibility for Customized Solutions

For special applications, in large projects, Chloride also offer units with galvanic isolation between input and the load. Please contact your local Chloride representative for more information.

Leading Technology

The Power Rack Plus range uses digital online technology to provide secure power to your load. Voltage stabilizers and diverse filters reduce disturbances to a minimum.

In the event of a mains failure, the built-in maintenance free battery assumes uninterrupted supply of energy to the connected equipment using a sinusoidal waveform.

The energy supplied from the UPS enables the system to function until mains power is restored. In the event of a prolonged outage, the UPS communicates with the user through

acoustic and optical alarms. This notification allows a controlled and safe system shutdown.

Reliability

Power Rack features simple and reliable digitally controlled online technology, which ensures the same level of power availability usually provided by higher range UPS.

Communication

An RS232 serial port is fully integrated in standard versions to facilitate communication with installed equipment. Power rack Plus is also fully compatible with Chloride's suite of connectivity solutions. Chloride's suite of software solutions mean computer applications, operating systems and hardware can be programmed to close down automatically and notify registered users in the event of a prolonged network failure.

Applications

Power Rack Plus represents an ideal solution for the provision of secure power to a wide range of professional applications in rack format, such as network and server rooms. The applications including:

- Small and Mid Range Servers

- Network and telecom equipment
- Industrial control Equipment
- Emergency lighting
- Signalling equipment for transport

Secure Power Always

Simply supplying equipment will never deliver the level of business continuity our customers require. Chloride offers a range of maintenance plans which will:

- Help deliver reliability to the load
- Extend the life of your power protection equipment
- Optimise your capital expenditure
- Provide risk management at a fixed cost
- Help to control your business environment
- Provide a pro-active approach to disaster recovery

Contact your local Chloride sales office for more information.

Delegate your power management to the Experts.

Models	700	1000	1500	2200	3000
INPUT					
Nominal voltage	220, 230, 240 V (software adjustable)				
Voltage tolerance	+ 10% - 15% (software adjustable)				
Frequency	50Hz ± 4%				
Backfeed protection	Yes				
CHARGER AND BATTERIES					
Battery technology	Maintenance-free lead acid				
Nominal battery voltage (V)	24	36	48	36	48
Floating volt at 20°C (V)	27.1	40.7	54.2	40.7	54.2
Charging current	2 A				
Temperature compensation	Yes				
Batteries integrated into the UPS	Yes				
INVERTER					
Technology	PWM 40 kHz				
Wave form	Pure Sinewave				
Nominal voltage	220, 230, 240V (software adjustable)				
Static regulation	± 1%				
Dynamic regulation from 50% to 100% / from 0% to 100%	± 2% / ± 5%				
Frequency	50Hz ± 0.1%				
Crest factor	3:1				
Transfer time	0 ms				
Harmonic distortion linear load / non-linear load	< 3% / < 5%				
Overload capability	200% (2 sec.) - 160% (30 sec.) - 120% (1 min.)				
OUTPUT					
Nominal voltage	220, 230, 240V (software adjustable)				
Voltage tolerance	± 5% (software adjustable)				
Frequency	50Hz ± 4% (in synchro with mains)				
Power factor	0.7				
BY-PASS					
Static	Yes				
Transfer time	0 ms				
FUSES					
Input	8A	8A	8A	12.5A	15A
Output fuse				2 x 8A	
GENERAL DATA					
Leak current to earth	< 3mA				
Protection degree	IP21				
EMC Class (EN50091-2)	Class B				
Cooling	Forced				
Working temperature	from 0° to 40°C				
MECHANICAL DATA					
Dimensions (WxHxD mm)	482x133(3U)x400	482x133(3U)x400	482x133(3U)x400	482x133(3U)x400	482x177(4U)x400
Weight (kg)	20	23.5	30	36	45
Input connection	IEC320 10A	IEC320 10A	IEC320 10A	IEC320 10A	Input cable
Output connection	4xIEC320 10A	4xIEC320 10A	4xIEC320 10A	4xIEC320 10A	IEC320 16A + 4xIEC320 10A
CONNECTIVITY					
Interface DB15	RS232 protocol + Signals (Basic/Advanced)				
Interface COM Slot	Free slot for optional SNMP card (ManageUPSNET)				

This publication is issued to provide outline information only and is not deemed to form any part of any offer and contract. The company has a policy of continuous product development and improvement, and we therefore reserve the right to vary any information without prior notice. MKA4LOUKPRACKP - Rev. 1-08/2008

CHLORIDE

www.chloridepower.com

Closest Chloride Contact in Australia:
Chloride Australia
Ground Floor
16 Giffnock St, North Ryde
NSW 2113
Australia.

T +61 2 9888 1266
F +61 2 9888 1966
E australia.sales@chloridepower.com

www.chloridepower.com/au

Closest Chloride Contact in UK:
Chloride UK
George Curl Way
Southampton, Hampshire
SO18 2RY
United Kingdom

T +44 (0) 23 8061 0311
F +44 (0) 23 8061 0852
E uk.enquiries@chloridepower.com

www.chloridepower.co.uk

Closest Chloride Contact in UAE:
Chloride UPS Systems Middle East
Building 5, Office 104
Dubai Internet City - Dubai
UAE
PO Box 72536

T +971 4 391 3205
F +971 4 391 6803
E middleeast.sales@chloridepower.com

www.chloridepower.com/middle-east

Closest Chloride Contact in USA:
Chloride
27944 North Bradley Road
Libertyville
IL 60048
USA

T +1 800 239 2257
F +1 800 833 6829
E usa.info@chloridepower.com

www.chloridepower.com/usa

Closest Chloride Contact in South East Asia:
CHLD Singapore Pte Ltd
2 Corporation Road
#03-07 Corporation Place
Singapore
618494

T +65 (0) 6481 4776
F +65 (0) 6481 0552
E singapore.sales@chloridepower.com

www.chloridepower.com/sg

Closest Chloride Contact in Thailand
Chloride Thailand
Panjathani Tower, 20th Floor
127/25 Nonsee Road, Chongonsee
Yannavva, Bangkok 10120
Thailand

T +662 296 9800
F +662 681 0109
E thailand.sales@chloridepower.com

www.chloridepower.com/th

Closest Chloride Contact in Vietnam
Chloride Vietnam
Unit 613, 6 floor, Melinh Point Tower
2 Ngo Duc Ke, District 1
Ho Chi Minh City
Vietnam

T +84 8 520971
F +84 8 5202800

www.chloridepower.com/en-gb/vietnam

For a full list of contacts please visit our website at www.chloridepower.com

