

CHLORIDE POWER PROTECTION

Power Lan Plus from 750 to 3000 VA



Uninterruptible Power Supply

The Range

Chloride's Power Lan 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, Chloride also offer a rack mounted solution for environments where space is at a premium, such as network and server rooms. Please contact your local Chloride representative for more information.

Leading Technology

The Power Lan 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 Lan features simple and reliable digitally controlled interactive 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 Lan 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 Lan Plus represents an ideal solution to for the provision of secure power to a wide range of applications, including:

- Small and Mid Range Servers
- PBAX equipment
- Laboratory and Medical Equipment
- Emergency lighting
- IT environments.

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	750	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%	±2%				
from 0% to 100%	±5%				
Frequency	50Hz ±0.1%				
Crest factor	3:1				
Transfer time	0 ms				
Harmonic distortion					
linear load	< 3%				
non-linear load	< 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)	180x325x325	180x325x325	180x325x325	180x420x485	180x420x485
Height (kg)	23	22	25	37	46.5
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. MKA440UKPLAMP - Rev. 3-02/2005

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GOST certification

PRODUCT SERVICE

Certificate No. EMS 76732

Certificate No. FM 11043