

## CHLORIDE

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## Power Lan Green 5 and 7 kVA

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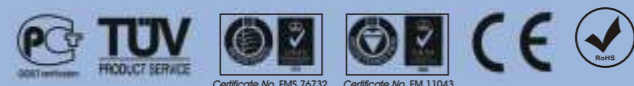
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**POWER LAN  
GREEN**

For a full list of contacts please visit our website at [www.chloridepower.com](http://www.chloridepower.com)



Uninterruptible Power Supply

## Power Lan Green 5 and 7 kVA

### Robustness and Reliability with the Highest Efficiency

#### The Range

Current working environments require the most advanced technologies to be available to the end user, in order to ensure the maximum protection for their critical applications and continuity in business processes.

With this aim, Chloride has designed the Power Lan Green product range, available in 5kVA and 7kVA. It features DIGITAL ON-LINE technology, which works as a true safety and protection barrier, ensuring total availability of your equipment without risks.

#### Leading Technology

Power Lan Green has been developed with the needs of the user in mind, offering a series of exclusive innovations and advantages.

- Digital On-Line technology, which always ensures a pure sinusoidal output and ~0 ms transfer time in the event of a mains failure.
- Very high AC/AC efficiency (>97%), which allows energy saving and reduces equipment temperature.
- High reliability and robustness.
- Galvanic isolation batteries-output, which protects the load from a possible inverter failure.
- Automatic static bypass.
- Detachable manual bypass.

#### Connectivity

The Power Lan Green range is fully compatible with the Chloride's suite of Connectivity Solutions. You can rely on the best software solutions to protect your critical loads. An RS232 communication port is available for UPS communication and monitoring. Our powerful MopUPS Professional software is the perfect solution for this purpose.

Its most advanced features include:

- Safe operating system shutdown, preserving data integrity and minimizing data recovery problems.

- Safe network shutdown: flexibility, simplicity and reliability in TCP/IP network-based shutdown.

- Remote messaging via TCP/IP network to keep you informed anywhere.

- Remote management: secure access from any computer on your IP-based network to the UPS status information.

In order to provide a higher degree of flexibility, an internal slot is available for the ManageUPS network adapter, with capabilities for TCP/IP, SNMP and webpage server.

Chloride can also provide other cards for specific needs (volfree contacts, MODBUS...) and software applications to suit your requirements.

With critical infrastructure in large facilities, campus or

enterprise network environments, the highest management capabilities are reached through ManageUPS CIO, a powerful software tool for managing and monitoring UPS and related critical infrastructure. In a complex system with multiple UPS in a distributed network, tasks such as configuration, notification and events management become easy thanks to ManageUPS CIO. For more versatility, it is available for both Windows and Linux platforms.

#### Applications

Due to its technical features, Power Lan Green represents an ideal solution not only for the most common power protection applications (IT systems in offices, servers, manufacturing centres...), but also for sophisticated applications such as telecommunication centres, VoIP equipment, traffic control systems, security and surveillance systems. If necessary, Chloride can customize the UPS features for a specific project or application in order to provide the best solution to your needs.

#### Remote Monitoring and Maintenance

Power Lan Green units are compatible with LIFE.net, Chloride's remote monitoring service, which provides:

- Continuous real time monitoring of your UPS.
- Automatic transmission of daily status report.
- Real time diagnosis of all UPS operational parameters.
- A remote fix capability.
- Monthly UPS operational status report.

#### Chloride Services

Chloride provides you with a wide range of services that will help you improve protection of your equipment and extend your UPS lifetime.

These services include analysing your needs from the outset, carrying out network quality audits, UPS installation and commissioning...

Furthermore, Chloride offers a range of maintenance plans which will:

- Help deliver reliability to your load.
- Extend the life of your power protection equipment.
- Optimize your capital expenditure.
- Provide risk management at a fixed cost.
- Help control your business environment.

Contact your local Chloride sales office for more information.

**Delegate your power management to the experts.**

	Power Lan Green 5 kVA	Power Lan Green 7 kVA
<b>GENERAL</b>	DIGITAL ON-LINE (microprocessor control)	
Technology	DIGITAL ON-LINE (microprocessor control)	
Models	PL GREEN 5 kVA	PL GREEN 7 kVA
<b>INPUT</b>	Single phase	
Phases	Single phase	
Nominal voltage	220/230/240V (Software adjustable)	
Voltage range	Out voltage regulation enlarged at least +5% -10% V	
Frequency	± 2Hz (Synchronization)	
<b>OUTPUT</b>	220/230/240 V (Software adjustable)	
Nominal voltage	220/230/240 V (Software adjustable)	
Voltage regulation	± 5% (min.) (Software adjustable)	
Frequency	± 2Hz (Synchronization)	
Power	5000 VA, 3500 W	7000 VA, 4900 W
Power factor	0.7	
Galvanic isolation	Battery-output	
Overload capability	200% (2 sec.) - 160% (30 sec.) - 120% ( 1 min.)	
<b>INVERTER</b>	PWM 30 kHz	
Technology	PWM 30 kHz	
Waveform	Pure sinewave	
Nominal voltage	220/230/240 V (Software adjustable)	
Static regulation	± 1%	
Dynamic regulation 50% to 100%	± 2%	
Dynamic regulation 0% to 100%	± 5%	
Frequency 50Hz	± 0.1%	
Crest factor	3:1	
Transfer time	~0 ms.	
Harmonic distortion Linear load	< 3%	
Harmonic distortion Computer load	< 5%	
Overload capability	200% (1 sec.) - 160% (8 sec.) - 120% ( 30 sec.)	
<b>CHARGER &amp; BATTERIES</b>	Sealed lead acid, maintenance free	
Battery technology	Sealed lead acid, maintenance free	
Nominal battery voltage	144 V	216 V
Floating voltage @20°C	163.8 V	245.7 V
Capacity	7 Ah	
Number of batteries (12V)	12	18
Charging current	2.5 A	
Temp. compensation	Yes	
Extended autonomies	No	
<b>BYPASS</b>	Yes	
Static	Yes	
Transfer time	~0 ms	
Galvanic isolation	No	
Overload capability	200% (2 sec.) - 160% (30 sec.) - 120% ( 1 min.)	
Manual	Yes	
Max power	5750 VA	9200 VA
<b>FUSES</b>	32 A	
Input	32 A	
Battery	50 A	
<b>SIGNALS &amp; COMMUNICATIONS</b>	DB15 Female; Serial RS-232 communication Mains fault, Unit ON, Alarm and Battery low (RS-232 levels) "Remote UPS Shutdown" input signal (RS-232 levels) Connectivity slot for optional SNMP WEB adapter and options	
Electrical	DB15 Female; Serial RS-232 communication Mains fault, Unit ON, Alarm and Battery low (RS-232 levels) "Remote UPS Shutdown" input signal (RS-232 levels) Connectivity slot for optional SNMP WEB adapter and options	
<b>ENVIRONMENT PERFORMANCE</b>	0 to 40° C	
Operating temperature	0 to 40° C	
Relative humidity	0 to 90% (not condensing)	
Altitude	3000 m.	
Cooling	forced	
<b>MECHANICAL PERFORMANCE</b>	Without packaging: < 610x265x675 mm. With packaging: < 770x340x740 mm.	
Size (HxWxD)	Without packaging: < 610x265x675 mm. With packaging: < 770x340x740 mm.	
Weight without packaging	< 82 Kg.	
Weight With packaging	< 92 Kg.	
IP Class	IP21	

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. MK44LOUKPLGR-Rev 1-07/2007