

MACLENNAN 12PC - 1200W POWER CONVERTER

DESCRIPTION

The MacLennan 1200W Power Converter - 12PC receives 12V power from a deep cycle leisure battery and converts this into 230V mains power to ensure that the MacLennan Pump continues to operate even during a power outage.

A two phase charger ensures that the battery is fully charged at all times by trickle charging to keep the battery at optimal charge and then by boosting up to 20 Amps to quickly re-charge the battery after extended use.

This 1200W unit is designed to be used with single MacLennan Pumps of 150W to 400W only. Larger Power Converters are available for pumps of up to 750W as well as twin pumps of up to 750W controlled by our control panels.

The Power Converter will provide approximately 24 hours* of protection to a pump that is operating every 30 minutes within our Sump Chamber.

Further protection can be achieved with the use of additional batteries (* This is the typical figure for most installations. Higher pumping head and longer discharge line can reduce this figure).



PROTECTION

Output short (by fuse), high voltage input, battery low alarm, battery low shutdown, battery polarity reverse (by fuse), overload, over temperature.

TECHNICAL DATA

Model	Power Converter 1200w
Continuous output power	1200w
Surge output power	2800w
DC input voltage (from battery)	10V ~ 15V
AC output voltage	218V ~ 242V
AC input voltage	220V ~ 230V
Length	417mm
Width	198mm
Height	80mm
Output frequency	50Hz
Weight	3.9kg
Charger current	20A
Battery low alarm	DC 10.5V +/- 0.5V
Battery low shutdown	DC 10V +/- 0.5V
Thermal shutdown	60 +/- 5oC
Main fuses	25A x 6pcs