



Inverter / Charger Combo CPI12100C

Code: 1116007

Detailed Specifications

Charger	Current	: 20 Adc
Output	Continous Output	: 1000W
	Start Output	: 2000W
	Voltage	: 230V
	Regulation	: Vrms +- 8%
Input	Frequency	: 50/60 Hz
	Waveform	: Modified Sinwave
	Voltage	: 12V dc
	Low Battery	: 10.5V +- 0.3V alarm, 10V +- 0.3V shutdown
Protection	High Battery	: Over 16V, alarm sounds
	Efficiency	: Over 90%
	High Temperature	: > 60 °C alarm on, < 56 °C alarm off > 65 °C shutdown
	Short Circuit	: Yes
Indicator	Overload	: Yes
	Fan	: > 45 °C fan turns on, > 45 °C alarm turns off
	Audio	: bi (shutdown), bi---- (low battery) bi-bi --- (high temp.) bi-bi-bi (overload)
	Visual	: RED Led: Inverter is on
Dimensions		: 152/70/400 mm
	Weight	: 4,2 Kg

Features

The Hawkins CPI12100C inverter/charger is a combination of a 1000 watt modified sine wave inverter, a three-stage automatic battery charger and power transfer switch into one complete system.

When AC power is available, the CPI12100C charges the batteries connected to it while allowing the mains AC to pass through and power downstream loads, such as a television set, microwave oven, personal computers, lighting, etc.

When AC power is disconnected, the CPI12100C inverter/charger converts the DC battery power into AC electricity and the downstream equipment remains powered as if nothing happened.

When mains power returns, the whole procedure reverses and the unit will switch back to mains AC power and automatically start re-charging the batteries while your equipment remains connected to the power source. The whole process is fully automatic. No user intervention necessary.

The Hawkins CPI12100C inverter/charger is well suited for homes, farms, guesthouses caravans, offices, restaurants, shops, pharmacies, workshops, etc.

- * Digital microprocessor design
- * Output overload alarm and protection system
- * Output short circuit alarm and protection system
- * High power output at start
- * Alarm and protection for low / high battery
- * Reverse polarity protection
- * Modified sine wave
- * Two year limited warranty against defects in materials and workmanship.

In the interest of product improvement, specifications may change without notice.