



POWERING YOUR ADVENTURES

POWERCORE3K100

BI-DIRECTIONAL INVERTER CHARGER
3000W / 100A

The PowerCore3K100 is a high-performance Inverter Charger, designed to power your caravan with seamless efficiency and reliability. This versatile device combines the functionality of an inverter and a battery charger, converting DC battery power to AC to run household appliances, while also keeping your batteries fully charged when connected to shore power or a generator.

Engineered for life on the road, it features advanced protections against overload, over-temperature, and short circuits, ensuring your power system remains safe and steady in all conditions.

Ideal for extended off-grid adventures, this inverter charger provides the flexibility, durability, and power you need to make your caravan feel just like home.



SPECIFICATIONS

Charger Output Current (Maximum)	100A
AC Output Power	3000W
Peak AC Output Power	6000W
AC Output Current	13.0A
AC Output Voltage	230VAC
AC Output Waveform	Pure Sine Wave
Waveform THD	<3%
Nominal DC Input Voltage	12.5Vdc
DC Input Voltage Operating Range	10.5 - 16.5 VDC
ATS Transfer Time	<30ms
Transfer Relay Rating	16A
Operating Temperature	0°C to 45°C
Peak Efficiency	90%
Product dimensions	441mm x 297mm 110mm
Weight	8kg

KEY FEATURES

- ▣ Pure 240V sine wave output
- ▣ Charging current adjustable up to 100A
- ▣ Included remote control and display panel
- ▣ 16A AC Automatic Transfer Switch
- ▣ Integrated RCD protection
- ▣ Compact Size for Easy Installation
- ▣ Compatible with Lead acid, GEL, AGM, flooded and Lithium LiFePO4 batteries.
- ▣ Multi-stage battery charging
- ▣ Flooded battery equalisation function