

DEFENDER®

INVERTER

Quarts Inverter 5000Ah 5000W 12V/24V

Character:

- Remote control interface
- Soft Start
- AVR design
- Input & Output isolated
- Auto temperature control fan
- Reverse polarity protection. / by fuse
- Output short circuit protection
- Temperature protection: 50 +/- 5degrees
- Overload protection
- Input low voltage protection
- Input high voltage protection
- Low battery alarm
- Low battery shut-down



Description:

Convert 12V/ 24Vdc to 110V/ 220Vac, so that you can use whatever electric appliances in your car, caravan, marine or at home where you cannot get domestic power.

~ Power it UP wherever you go ~

Specifications:

Model No.	Quarts -5000Ah-12V	Quarts -5000Ah-24V
Output power continuous	5000W	5000W
Instant Surge	10000W	10000W
Standby Current	< 0.7A	< 0.7A
DC Input Voltage	10~15V	20~30V
AC Output Voltage	100V/110V/115V/120Vac or 220V/230V/240Vac	100V/110V/115V/120Vac or 220V/230V/240Vac
Regulation	± 5%	± 5%
Output frequency	50Hz or 60Hz ± 0.05%	50Hz or 60Hz ± 0.05%

Efficiency	> 85%	> 85%
Low Battery Alarm	< 10.5V \pm 0.5VDC	< 21.5V \pm 0.5VDC
Low Battery Alarm & Shut-Down	< 10.0V \pm 0.5VDC	< 20.0V \pm 0.5VDC
Over Heating Alarm	> 60 $^{\circ}$ C	> 60 $^{\circ}$ C
Over Heating Alarm & Shut-Down	> 65 $^{\circ}$ C	> 65 $^{\circ}$ C
Over Load Alarm	> 5000W	> 5000W
Over Load Alarm & Shut-Down	> 5500W	> 5500W
Input Low Voltage Protection	Yes	Yes
Soft Start	Yes	Yes
DC/AC Isolated	Yes	Yes
AVR Design	Yes	Yes
Output Short Circuit Protection	Yes	Yes
Auto Temperature Control Fan	Yes	Yes
Remote Control Interface	Yes	Yes
Reverse Polarity Protection	Yes (By Fuse)	Yes (By Fuse)
Fuse	30A * 24pcs	15A * 24pcs
Dimensions (L x W x H mm)	500 * 169 * 152	500 * 169 * 152
Gross weight (by Kg/s)	13.25	13.25
Accessory	DC Cable with O-ring	DC Cable with O-ring
Output Waveform (Modified sine wave)		



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