

WP-Sine 'AC Power from the battery'

Recreational vehicles • Caravans • Pleasure craft • Holiday homes • Trucks

High frequency sine wave inverter



Datasheet



WP-Sine-12/1000 • WP-Sine-12/2000

Convert battery power to household AC power

Operate your household AC appliances utility independent

- Pure sine wave output
- Perfect for any load
- High efficient
- Extremely powerful
- Full overload and over temperature protection
- Automatic Battery Switch off at low DC
- Built-in LED display for DC and AC side
- USB Port to charge Mobile phones etc.
- Hard wiring or socket (EUR, UK, US)



Powering *your Lifestyle*



Powering your Lifestyle



Model name Model number	WP-Sine-12/1000 61121500	WP-Sine-12/2000 61122500	WP-Sine-12/1000UK 61121501	WP-Sine-12/2000UK 61122501
AC output				
Power (Continuous)	1000W	2000W	1000W	2000W
Power (Peak, 500 mSec)	2000W	4000W	2000W	4000W
Output voltage	230V*	230V	230V	230V
Output frequency	50Hz	50Hz	50Hz	50Hz
Total harmonic distortion (THD)	<5% true sine wave	<5% true sine wave	<5% true sine wave	<5% true sine wave
DC Input				
Nominal battery voltage	12V	12V	12V	12V
Operation range	10.5 – 15.5V	10.5 – 15.5V	10.5 – 15.5V	10.5 – 15.5V
Input current	94A	187A	94A	187A
No load consumption	0.8A typical	1.6A typical	0.8A typical	1.6A typical
DC Output				
5V USB	750mA	750mA	750mA	750mA
Display				
LED indicator	Yes	Yes	Yes	Yes
Digital display	Input Voltage / Current, Output Power			
Protections				
Input Undervoltage Warning	11.2V	11.2V	11.2V	11.2V
Input Undervoltage Shutdown	10.5V	10.5V	10.5V	10.5V
Input Undervoltage Recovery	11.8V	11.8V	11.8V	11.8V
Input Overvoltage Shutdown	15.5V	15.5V	15.5V	15.5V
Output Power Warning	Yes	Yes	Yes	Yes
Output Power Shutdown	Yes	Yes	Yes	Yes
Output Short Circuit	Yes	Yes	Yes	Yes
Temperature Warning	Yes	Yes	Yes	Yes
Temperature Shutdown	Yes	Yes	Yes	Yes
Conformity Directive EMC 2004/108/EC Low voltage directive 2006/95/EC				
Operating temperature range	-20 - 55°C (derating above 40°C)			
Relative humidity in operation	95% without condensation			
Ventilation	Forced cooling			
Dimension h x w x l [mm]	185x319x90 mm	240x420x115 mm	185x319x90 mm	240x420x115 mm
Weight	2.9 kg	5.5 kg	2.9 kg	5.5 kg
Battery connection	M6 studs	M8 studs	M6 studs	M8 studs
Ground Lug Connection	M6 stud	M6 stud	M6 stud	M6 stud
AC output	1 x Schuko socket	2 x Schuko sockets	1 x UK socket	2 x UK sockets
Warranty	2 years	2 years	2 years	2 years

*120V/60Hz also available

WP-Sine Accessoires

Art. Nr.	Item
61121510	WP-Sine Remote on/off switch
61121511	WP-Sine 12/1000 1.5 m battery cable
61121512	WP-Sine 12/2000 1.5 m battery cable

