

# WP-Sine 'AC Power from the battery'

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

High frequency sine wave inverter



Datasheet



## WP-Sine-12/400 • 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 (for 1000 & 2000W models)
- USB Port to charge Mobile phones etc.
- Hard wiring or socket (EUR, UK, US)



**Powering your Lifestyle**



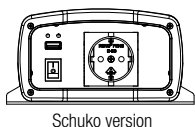
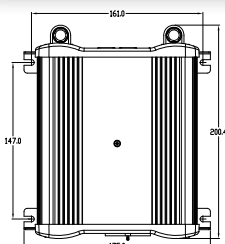
Powering your Lifestyle

Model name Model number	WP-Sine-12/400 61120500	WP-Sine-12/1000 61121500	WP-Sine-12/2000 61122500	WP-Sine-12/1000UK 61121501	WP-Sine-12/2000UK 61122501
<b>AC output</b>					
Power (Continuous)	400W	1000W	2000W	1000W	2000W
Power (Peak, 500 mSec)	800W	2000W	4000W	2000W	4000W
Output voltage	230V	230V*	230V	230V	230V
Output frequency	50Hz	50Hz	50Hz	50Hz	50Hz
Total harmonic distortion (THD)	<5% true sine wave	<5% true sine wave	<5% true sine wave	<5% true sine wave	<5% true sine wave
<b>DC Input</b>					
Nominal battery voltage	12V	12V	12V	12V	12V
Operation range	10.5 – 15.5V	10.5 – 15.5V	10.5 – 15.5V	10.5 – 15.5V	10.5 – 15.5V
Input current	38A	94A	187A	94A	187A
No load consumption	0.8A typical	0.8A typical	1.6A typical	0.8A typical	1.6A typical
<b>DC Output</b>					
5V USB	1000mA	750mA	750mA	750mA	750mA
<b>Display</b>					
LED indicator	Yes, Power/Fault	Yes	Yes	Yes	Yes
Digital display	Input Voltage / Current, Output Power				
<b>Protections</b>					
Input Undervoltage Warning	11.2V	11.2V	11.2V	11.2V	11.2V
Input Undervoltage Shutdown	10.5V	10.5V	10.5V	10.5V	10.5V
Input Undervoltage Recovery	11.8V	11.8V	11.8V	11.8V	11.8V
Input Overvoltage Shutdown	15.5V	15.5V	15.5V	15.5V	15.5V
Output Power Warning	N/A	Yes	Yes	Yes	Yes
Output Power Shutdown	Yes	Yes	Yes	Yes	Yes
Output Short Circuit	Yes	Yes	Yes	Yes	Yes
Temperature Warning	N/A	Yes	Yes	Yes	Yes
Temperature Shutdown	Yes	Yes	Yes	Yes	Yes
Remote Control	N/A	Optional	Optional	Optional	Optional
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 hxxw (mm)	200x175x90 mm	185x319x90 mm	240x420x115 mm	185x319x90 mm	240x420x115 mm
Weight	1.73 kg	2.7 kg	5.2 kg	2.7 kg	5.2 kg
Battery connection	M5 studs	M6 studs	M8 studs	M6 studs	M8 studs
Ground Lug Connection	N/A	M6 stud	M6 stud	M6 stud	M6 stud
AC output	1 x Schuko socket	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	2 years

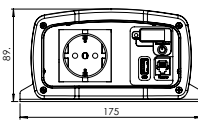
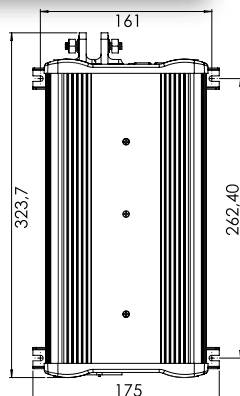
\*120V/60Hz also available

### WP-Sine Accessoires

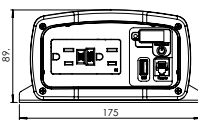
Art. Nr.	Item
61121510	WP-Sine Remote on/off switch for 1000 & 2000W
61121511	WP-Sine 12/1000 1.5 m battery cable
61121512	WP-Sine 12/2000 1.5 m battery cable



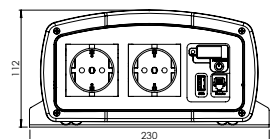
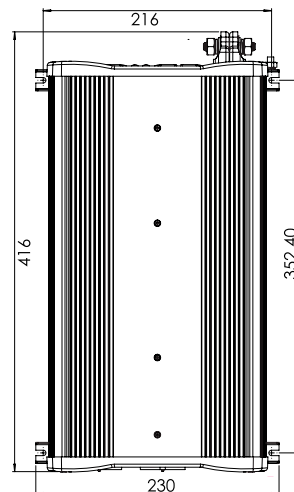
Schuko version



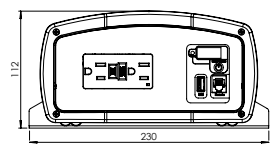
Schuko version



UK version



Schuko version



UK version