

## PS Series Pure Sinewave Inverter

### FEATURES

- Pure sinewave AC output
- High surge power output
- High efficiency
- Protected against high/low battery voltage, low AC input voltage, over temperature, overload, short circuit etc.
- Variable fan speed for silent operation
- Remote on/off possibility with URC or BRC
- 2 year warranty



**1800 WATTS**

### TECHNICAL SPECIFICATIONS

Model	PS 2000-12	
<b>Inverter</b>		
Output Power <sup>1)</sup>	Pnom	1800 W
	P10minutes	2100 W
	Psurge 3 sec	4000 W
Output voltage	230Vac ± 2%	
Output frequency	50Hz or 60Hz ± 0.05%	
Output waveform	True sinewave (THD <5% @ Pnom)	
Admissible cos φ of load	0.2 - 1 (up to Pnom)	
Input voltage:	Nominal	12Vdc
	Range	10.5 <sup>2)</sup> - 16Vdc
Maximum efficiency	92%	
No load power consumption <sup>3)</sup>	<19W	
[ASB]	[2.0W]	
ASB threshold	Pout<20W	
Operating temperature rang (ambient)	-20°C ... +50°C (humidity max 95% non condensing)	
Storage temperature range	-40°C ... +80°C (humidity max 95% non condensing)	
Cooling	Variable speed fan controlled by temperature and load	
SamlexLink enabled	Yes	
Protected against	Short circuit, overload, high temperature, AC back feed, high/low battery voltage and high input ripple voltage	
Indications	Power on, output power bar, error and ASB mode	
DC input connections	M10 bolt terminals	
AC output connections	Screw terminals	
Enclosure body size (LxHxW)	370 x 432 x 132 mm	
Total weight	18,2 kg	
Protection class	IP21 (mounted in upright position)	
Standards	CE marked meeting EMC directive 2004/108/EC and LVD 2006/95/EC complying with EN60335-1, RoHs 2002/95/EC	

Note: the given specifications are subject to change without notice.

- 1) Measured with resistive load at 25°C ambient. Power ratings are subject to a tolerance of 10% and are decreasing as temperature rises with a rate of approx. 1.2%/°C starting from 25°C  
 2) Undervoltage limit is dynamic. This limit decreases with increasing load to compensate the voltage drop across cables and connections.  
 3) Measured at nominal input voltage and 25°C