

# DC-AC INVERTERS WITH BATTERY CHARGER AND UPS FUNCTION

**POWER SOLVE**





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## EPS Series Pure Sine Wave 1000 to 5000 VA

### Features:

- 12V, 24V or 48V DC Input Models
- 175-265V AC Input
- Battery charger for UPS function
- High surge rating
- 50/60 Hz pure sine wave output
- AC output of 220/230VAC



<b>Universal</b>	<b>Australia / New Zealand</b>
	
<b>United Kingdom</b>	<b>European</b>
	

The EPS Series is a low cost range of pure sine wave output DC-AC inverters available with inputs of either 12V, 24V or 48VDC. These inverters also take AC input and have integral battery charger for use as a long standby line interactive UPS with auto changeover. They are available with universal output AC socket or country specific versions. These must be specified when ordered and also the output voltage and frequency. 4000VA and 5000VA have AC input & output screw terminals.

Model	EPS1000	EPS1200	EPS1500	EPS2000	EPS2500	EPS3000	EPS4000	EPS5000
Rating	1000VA	1200VA	1500VA	2000VA	2500VA	3000VA	4000VA	5000VA
DC Input Voltage	12V (9.6-15V), 24V (19.2-30V), 48V (38.4-60V)					24V (19.2-30V), 48V (38.4-60V)		
Battery No Load Current	12V 0.83A 24V 0.45A 48V 0.28A	12V 0.83A 24V 0.45A 48V 0.28A	12V 0.83A 24V 0.45A 48V 0.28A	12V 0.84A 24V 0.54A 48V 0.33A	12V 0.90A 24V 0.55A 48V 0.33A	24V 0.55A 48V 0.33A	24V 0.70A 48V 0.43A	24V 0.72A 48V 0.44A
Input Connector (DC)	Red & Black DC Input Terminals							
AC Input Voltage	175-264VAC 50/60Hz (specify)							
Input Connector (AC)	IEC Inlet					Terminal Block		
Charge Current	22/11/5.5A	22/11/5.5A	22/11/5.5A	22/11/5.5A	22/11/5.5A	11/5.5A	11/5.5A	11/5.5A
Transfer Time	10mS typical							
AC Output Voltage	220VAC or 230VAC to order							
VA Rating	1000VA	1200VA	1500VA	2000VA	2500VA	3000VA	4000VA	5000VA
Continuous Power	800W	1000W	1200W	1660W	2000W	2400VA	3320VA	4000W
Surge Power (max 300ms)	2000W	2400W	3000W	4000W	5000W	6000W	8000W	10,000W
Output Waveform	Pure Sine Wave							
Output Frequency	50/60Hz to order							
Output Connectors	UK, Euro, Universal or other to order					Terminal Block		
Input Under Voltage	12V (10V±0.5V), 24V (20V±0.5V), 48V (40V±0.5V)					24V (20V±0.5V), 48V (40V±0.5V)		
Input Over Voltage	12V (15.5V±0.5V), 24V (31V±0.5V), 48V (62V±0.5V)					24V (31V±0.5V), 48V (62V±0.5V)		
Overload Protection	Auto Shutdown							
DC Reverse Polarity	Fuse							
Short Circuit Protection	Auto Shutdown							
Thermal Protection	Auto Shutdown							
Cooling	Integral Fan(s)							
LED Indication	Blue LED device operating, Red LED fault or protection mode							
LCD Display	1 x LCD for input and output voltages				1 x LCD for DC input and 1 x LCD for AC output voltages			
Audible Alarm	For DC input under or over voltage, over load, over temperature or fault condition							
Remote Control	Optional							
Enclosure	Anodized aluminium							
Dimensions	301 x 150 x 90mm				390 x 180 x 140mm			450 x 180 x 140mm
Weight	3.32 kilos	3.32 kilos	3.32 kilos	5.52 kilos	5.52 kilos	5.52 kilos	7.66 kilos	7.91 kilos