

EN1120S-X-24V

24V 2000W ePOWER
Pure Sine Wave Inverter
with RCD & AC
Transfer Switch



5 YEARS WARRANTY FOR **PRIVATE USE**, 2 YEARS WARRANTY FOR **COMMERCIAL USE**

FEATURES

The ePOWER 2000W Inverter with AC Transfer & Safety Switch is one in a family of affordable, high quality, professional level inverters by Enerdrive. By using the latest power conversion technology, ePOWER inverters deliver clean and energy efficient true sine wave AC power from your DC supply. Ideal for operating basic equipment such as power tools, computers, microwave ovens, televisions, and other appliances that use up to 2000W of power for operation.

- 24 Volt 2000 Watt
- Seamless 16A AC Internal Transfer Switch allows for seamless AC power transfer between Mains/Generator and Inverter
- AC RCD/Safety Switch with test button to monitor electricity flow and detect any problems
- Removable LED Remote Control Display Panel
- Regulated Pure Sine Wave Output
- Silent Operation
- Compact Size for Easy Installation
- USB Port for charging USB devices



SPECIFICATIONS

SKU	EN1120S-X-24V
AC Output Power	2000W
AC Output Current	8.7A
AC Output Voltage	230 Vac / 50 Hz
AC Output Waveform	Sinewave (<3% THD)
Nominal DC Input Voltage	24.5 VDC
No Load Battery Draw	< 1.5 ADC
DC Input Voltage Operating Range	21.0 – 31.0 VDC
Under Voltage Alarm	22.0 / 24.2 VDC
Under Voltage Alarm Recovery	22.6 / 24.6 VDC
Under Voltage Shutdown	21.0 / 23.6 VDC
Under Voltage Shutdown Recovery	24.0 / 25.2 VDC
Over Voltage Shutdown	31.0 VDC
USB Port	5V, 2.1A
AC Transfer Switch	
Transfer Time	< 30 ms
Transfer Relay Rating	16A (resistive load)
AC Input Socket IEC-C20	16A Max
AC Output Socket IEC-C19	16A Max
AC Output Front GPO	10A Max
Safety and Environmental	
Conformance	All required Australian Standards, CE LVD: EN/IEC 62040-1, IEC61558-2-16
EMI / EMC	CE EMC: EN/IEC 62040-2 category C1
Agency Markings	RCM, CE
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Relative Humidity	5-90% non-condensing
Operating Altitude	Up to 3000 meters above sea level
Weight and Dimensions	
Weight	5.9kg
Dimensions (W x L x H)	444 x 230 x 115mm

Estimate Run Time on Different 12V Battery Bank Size

AC Load	60AH	120AH	180AH	240AH	300AH
50 W	11 hrs	22 hrs	33 hrs	44 hrs	55 hrs
100 W	5 hrs	11.5 hrs	17 hrs	23 hrs	29 hrs
200 W	2.5 hrs	5 hrs	8 hrs	11 hrs	13.5 hrs
500 W	49 mins	2 hrs	3 hrs	4 hrs	5 hrs
1000 W	15 mins	49 mins	1.5 hrs	2 hrs	2.5 hrs
1500 W	8 mins	27 mins	49 mins	1 hrs	1.5 hrs
2000 W	N.R.	15 min	34 mins	49 mins	1 hrs
2600 W	N.R.	11 min	25mins	37 mins	49 mins

Note: Specifications subject to change without notice. Following run times are estimates for reference, based on using different battery bank sizes. Actual run times may vary.