

# SINEWAVE INVERTER

## LS SERIES



*technical  
specifications*

*800w & 1000w models*

Inverter Model	LS-812	LS-1024	LS-1048	LS-10110	LS-10125
Nominal DC Voltage	12V	24V	48V	110V	125V
Continuous Power	800W	1000W	1000W	1000W	1000W
½ Hour Rating	1000W	1400W	1400W	1400W	1400W
Surge Rating (5 seconds)	2800W	3500W	3500W	3500W	3500W
Input Voltage Range	10.5-17V	21-34V	42-68V	80-140V	96-160V
Instantaneous Shutdown	9V	18V	36V	68V	85V
Standby Current	37 mA	28 mA	22 mA	18mA	17 mA
Inverter ON – no load	0.45A	0.25A	0.19A	0.16A	0.14A
Peak Efficiency	91%	92%	94%	94%	94%
Weight	11Kg	11Kg	11Kg	11Kg	11Kg
Dimensions	330 mm [L] x 296 mm [W] x 150 mm [H]				
Output Voltage	240Vac +/- 4%				
Output Frequency	50Hz +/- 0.1%				
Output Waveform	True Sinewave				
Total Harmonic Distortion	< 4%				
Power Factor	All Conditions				
Autostart Sensitivity	0 – 20 W adjustable				
Operating Temperature	-10°C to +50°C				
DC to AC Isolation	3500V				
Protection Circuitry	Overtemperature, Overload/Short Circuit, Battery Undervoltage, Battery Overvoltage				
Battery Leads	1.5m long with 10mm mounting lugs				
DC Isolation	Thermal / Magnetic Circuit Breaker				
Output Wiring	Single power outlet & hardwire junction box				
Chassis	Powder coated 3mm Aluminium				
Warranty	2 Years Parts and Labour				
Standards	AS2279, AS3000, AS3001, EN55014, & C-Tick.				
Ratings	Specifications @ 25°C Ambient, Nominal Battery Voltage & Unity Power Factor				

Due to constant improvements, specifications are subject to change without prior notice.