

# SINEWAVE INVERTER

## LS SERIES



### *technical specifications*

### **400w & 500w models**

Inverter Model	LS-412	LS-524	LS-548	LS-5110	LS-5125
Nominal DC Voltage	12V	24V	48V	110V	125V
Continuous Power	400W	500W	500W	500W	500W
½ Hour Rating	450W	600W	600W	600W	600W
Surge Rating (5 seconds)	1400W	2000W	2000W	2000W	2000W
Input Voltage Range	10.5-17V	21-34V	42-68V	80-140V	96-160V
Instantaneous Shutdown	9V	18V	36V	68V	85V
Standby Current	22 mA	18 mA	17 mA	16 mA	15 mA
Inverter ON – no load	0.42A	0.31A	0.18A	0.15A	0.14A
Peak Efficiency	90%	92%	92%	92%	92%
Weight	4.5Kg	4.7Kg	4.7Kg	4.7Kg	4.7Kg
Dimensions	260 mm [L] x 160 mm [W] x 100 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	1.0m long with 10mm mounting lugs				
DC Isolation	Thermal / Magnetic Circuit Breaker				
Output Wiring	Single power outlet				
Chassis	Powder coated 2mm 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.