

# SINEWAVE INVERTER

## LS SERIES



*technical  
specifications*

*400w to 1500w models*

Inverter Model	LS-412	LS-524	LS-812	LS-1024	LS-1212	LS-1524
Nominal DC Voltage	12V	24V	12V	24V	12V	24V
Continuous Power	400W	500W	800W	1000W	1200W	1500W
½ Hour Rating	450W	600W	1000W	1400W	1500W	2100W
Surge Rating (5 seconds)	1400W	2000W	2800W	3500W	4000W	5000W
Input Voltage Range	10.5-17V	21-34V	10.5-17V	21-34V	10.5-17V	21-34V
Instantaneous Shutdown	9V	18V	9V	18V	9V	18V
Standby Current	22 mA	18 mA	37 mA	28 mA	42 mA	30mA
Inverter ON – no load	0.42A	0.31A	0.45A	0.25A	0.67A	0.32A
Peak Efficiency	90%	92%	91%	92%	91%	94%
Weight	4.5Kg	4.7Kg	11Kg	11Kg	14Kg	14Kg
Dimensions	260mm x 160mm x 100mm		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	1.0m long with 10mm lugs		1.5m long with 10mm mounting lugs			
Output Wiring	Single power outlet		Single power outlet & Hardwire 3 Terminal Junction box			
Chassis	Powder coated 2mm Aluminium		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.