

LS SERIES - 500W – 7000W

Wallmount DC/AC Sinewave Inverters



Features

- Pure Sinewave Waveform
- Massive Inrush and Overload Capability
- Rugged Construction
- Designed and Manufactured in Australia
- 2 / 3 year Warranty
- DC Circuit Breaker/ Battery Isolator Switch
- High Efficiency Toroidal Transformer
- Galvanically Isolated

Specifications

Input Voltage	12, 24, 48 Standard 36, 72, 96, 120 also available
Input Voltage Range	-20% to +45% of Nominal
Output Waveform	True Sinewave < 4% THD
Output Voltage	230V +/- 4% Standard 110V +/- 4% as Option
Output Frequency	50/60Hz +/- 0.1%
Crest Factor	> 4
Overload Capacity	300% 5 Seconds (<i>all models</i>) 120% 30 Minutes (<i>110% 12Vmodels</i>)
Operating Temperature	-10°C to +50°C
Cooling	Thermostatically Controlled Fan
Power Factor	All Conditions
Peak Efficiency	90% to 94% Model Dependent
DC Connections	Heavy Duty Low Loss Battery Leads.
AC Connections	Screw Terminal Junction Box (<i>1000-7000W models</i>), Single Power Outlet (<i>500-1800W models</i>)
Standards	AS2278, AS3000, AS3100, EN55014 & C-Tick
Protection Circuitry	Full Electronic Protection against Overload, Overtemperature, Short Circuit, Battery Over & Undervoltage
Dimensions	500W - 600W 260 X 160 X 100mm 1000W - 1800W 330 X 296 X 150mm 2000W - 3500W 370 X 386 X 180mm 4000W - 7000W 475 X 458 X 187mm

Model No.	DC Input	Power
LS512	12V	500W
LS624	24V	600W
LS648	48V	600W
LS1012	12V	1000W
LS1224	24V	1200W
LS1248	48V	1200W
LS1512	12V	1500W
LS1824	24V	1800W
LS1848	48V	1800W
LS2012	12V	2000W
LS2324	24V	2300W
LS2548	48V	2500W
LS3024	24V	3000W
LS3548	48V	3500W
LS4024	24V	4000W
LS5048	48V	5000W
LS7048	48V	7000W

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