

FEATURES

PERFORMANCE:

A true sinewave inverter with unmatched surge power enabling the operation of demanding appliances, such as fridges, microwaves washing machines & pumps.

RELIABILITY:

Benchmark quality standards ensure optimum reliability, backed by a full 2 year parts and labour warranty.

AUSTRALIAN

A complete Australian made product, proudly designed and manufactured in Australia by a 100% Australian owned company.

PROTECTION

Sophisticated circuitry provides protection against overload, short circuit, over temperature and high/low voltage shutdowns.

STANDBY MODE

A valuable power saving feature that automatically turns your inverter ON and OFF with load.

TOROIDAL TRANSFORMER

Provides full isolation between AC and DC reducing the risk of electric shock.

DC CIRCUIT BREAKER

Provides full isolation from your batteries while switched OFF reducing the need for additional battery fuses.

WALL MOUNT DESIGN

Allows flexibility and ease of installation.

Latronics® is the largest Australian manufacturer of inverters utilising renewable energy sources in the manufacturing process.

We are constantly striving for improvements that enable our inverters to continue as the standard against which other brands are measured.

www.latronics.com



100%
AUSTRALIAN OWNED

LATRONIC SUNPOWER PTY LTD.
CALOUNDRA QLD.4551

ABN 97 010 707 169

www.latronics.com

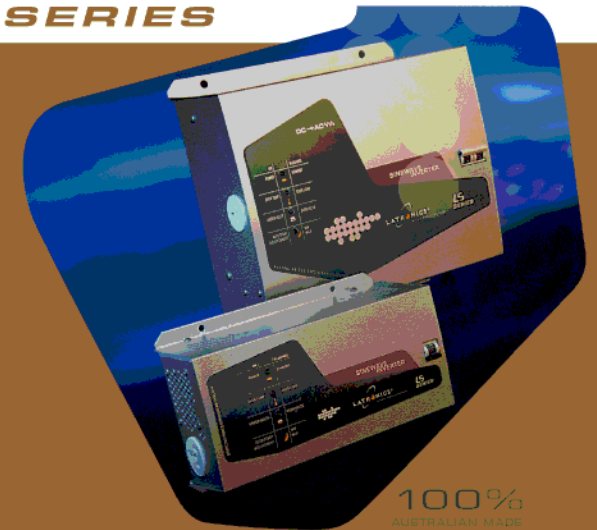
APPROVED DISTRIBUTOR



**SINEWAVE
INVERTER
500W - 1800W**

Your
independent
Power source

**LS
SERIES**



100%
AUSTRALIAN MADE



**outstanding
performance**

Convert your battery power to a more useable high quality AC mains electricity and create your own independent mains supply for your boat, caravan, motorhome or remote area power system. Simply connect a suitable battery bank to the LS Series Inverter and you're ready to power a wide range of every day appliances. Suitable for operating: TV, VCR, stereo, computers & office equipment, audio and medical equipment, fridges, power tools, microwave ovens and pumps.



The Latronics® LS Series Inverter utilises the most advanced microprocessor algorithms which guarantees your power conversion is pure and stable.

Offering unmatched performance and reliability the Latronics® LS series are the most dependable Inverters on the market.

technical specifications

Inverter Model	LS-512	LS-624	LS-648	LS-1012	LS-1224	LS-1248	LS-1512	LS-1824	LS-1848
Nominal DC Voltage	12V	24V	48V	12V	24V	48V	12V	24V	48V
Continuous Power	500W	600W	600W	1000W	1200W	1200W	1500W	1800W	1800W
1/2 Hour Rating	550W	750W	750W	1150W	1600W	1600W	1600W	2200W	2200W
Surge Rating (5 seconds)	1500W	2000W	2000W	3000W	3600W	3600W	4500W	5400W	5400W
Input Voltage Range	10.5-17V	21-34V	42-68V	10.5-17V	21-34V	42-68V	10.5-17V	21-34V	42-68V
Standby Current	27mA	22mA	19mA	37mA	28mA	22mA	42mA	30mA	24mA
Inverter ON - no load	0.42A	0.31A	0.15A	0.45A	0.25A	0.15A	0.67A	0.32A	0.18A
Peak Efficiency	90%	92%	93%	91%	92%	94%	91%	94%	94%
Weight	5.5Kg	5.5Kg	5.5Kg	11Kg	11Kg	11Kg	14Kg	14Kg	14Kg
Dimensions	260mm [L] x 160mm [W] x 100mm [H]			330mm [L] x 296mm [W] x 150mm [H]					
Output Voltage	230Vac +/- 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/Overvoltage								
Battery Leads	1m with 10mm Lugs			1.5m Long with 10mm Mounting Lugs					
AC Output Wiring	Single Power Outlet			Single Power Outlet & Junction Box					
Chassis	Powder Coated 2mm Aluminium			Powder Coated 3mm Aluminium					
Warranty	2 Years Parts and Labour								
Standards	AS2279, AS3000, AS3100, EN55014, & C-Tick.								
Ratings	Specifications @ 25°C Ambient, Nominal Battery Voltage & Unity Power Factor								



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