

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 3 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 key feature that automatically senses your appliances and turns the inverter ON and OFF accordingly, to save power.

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.

ON POWER	 	FLASHING STANDBY
OVER TEMP	 	OVER LOAD
UNDER VOLTS	 	OVER VOLTS
AUTO START ADJUSTMENT	 	MIN MAX



SINEWAVE INVERTER 2000W - 7000W

Your
independent
Power source

LS
SERIES



LATRONIC SUNPOWER PTY LTD.
CALOUNDRA QLD.4551
ABN 97 010 707 169
www.latronics.com

APPROVED DISTRIBUTOR

100%
AUSTRALIAN OWNED

outstanding
performance

100%
AUSTRALIAN MADE

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.



AUTOMATIC AC TRANSFER (Option)
Eliminate the need to manually switch your power source between inverter and generator. Have this option fitted to your LS series inverter to simplify your power system. It automatically senses generator AC power and switches output power between generator and inverter accordingly. Guaranteed to simplify and reduce system wiring.

technical specifications

Inverter Model	LS-2012	LS-2324	LS-2548	LS-3024	LS-3548	LS-4024	LS-5048	LS-7048
Nominal DC Voltage	12V	24V	48V	24V	48V	24V	48V	48V
Continuous Power	2000W	2300W	2500W	3000W	3500W	4000W	5000W	7000W
1/2 Hour Rating	2200W	2800W	3000W	3700W	4100W	4500W	6000W	8500W
Surge Rating (5 seconds)	6000W	7000W	7500W	9000W	10500W	12000W	15000W	20000W
Input Voltage Range	10.5-17V	21-34V	42-68V	21-34V	42-68V	21-34V	42-68V	42-68V
Standby Current	75mA	45mA	35mA	50mA	40mA	60mA	55mA	60mA
Inverter ON - no load	1.1A	0.51A	0.3A	0.6A	0.33A	1.1A	0.48A	0.5A
Peak Efficiency	90%	94%	94%	93%	94%	94%	95%	95%
Weight	22Kg	22Kg	22Kg	24Kg	24Kg	30Kg	30Kg	34Kg
Dimensions	370mm [L] x 386mm [W] x 180mm [H]					465mm [L] x 458mm [W] x 187mm [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	Over Temperature, Over Load, Short Circuit, Battery Under Voltage, Battery Over Voltage							
Battery Leads	1.5m long with 10mm mounting lugs							
AC Output Wiring	3 Terminal Hardwire Junction Box, labelled "Ac Output"							
AC Input Wiring	3 Terminal Hardwire Junction Box, labelled "Ac Input"							
Chassis	Powder Coated 3mm Aluminium					Powder Coated 4mm Aluminium		
Warranty	3 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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