

LS SERIES

Stand-Alone Inverters

The Latronics™ LS Series Stand-alone inverters are powerful, reliable and utilise advanced microprocessor algorithms to ensure your power conversion is pure and stable.

Latronics will cease manufacturing, warranty and repairs on
30th June 2025 2024

Models

Small	500W – 600W
Medium	1000W – 1800W
Large	2000W – 3500W
Extra large	4000W – 8000W

Wall Mounted Design

A wall mount design allows flexibility and ease of installation.

A true sinewave output with excellent surge power capacity enables the operation of demanding appliances, such as fridges, microwaves, washing machines and pumps.

Pure Sinewave Waveform

Pure sinewave output provides the ideal power source for modern electronics.

Short-circuit proof with robust design that protects itself against AC shorts.

Latronics LS Series Stand-alone inverters are backed by our manufacturer's warranty.

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

Fully selectable between 50/60Hz via a set of internal dip switches for international use. Auto-start circuitry automatically switches the inverter ON and OFF with applied appliances. The auto-start is an important feature as it maximises valuable battery capacity. Sensitivity of the auto-start can be easily adjusted to either start small appliances or run continuously.

Latronics LS Series inverters are a quality industrial product customisable to withstand vibration and constant movement in mobile or marine installations, as well as the diverse range of home or commercial applications.

Latronics LS Series inverters are built for extreme environments using a recyclable powder coated aluminium casing.

High Efficiency Toroidal Transformer

Toroidal transformers provide outstanding efficiency and durability.

When sized correctly, high surge rating allows easy starting of motors and high inrush current devices.

DC Circuit Breaker / Battery Isolator Switch

DC Circuit Breaker protects the inverter and cables from becoming a potential fire hazard under fault conditions, as well as providing isolation from your batteries while switched OFF.

The circuit breaker is designed for ease of operation and safety. If the Inverter shuts down due to Overload, Undervolts or Overvolts it can be reset. Full 3500V AC/DC isolation.

High quality, high current, heavy duty DC leads for low loss power delivery.

Simple at-a-glance LED lights keep the user informed of its status at all times.

A large range of options from custom voltages and alarm contacts to vibration proofing and conformal coatings are available.



LS SERIES

12V INVERTER SPECIFICATIONS

Model	LS-512	LS-1012	LS1512	LS2012*
Continuous power	500W	1000W	1500W	2000W
Surge rating (5 second)	1500W	3000W	4500W	6000W
Standby current	27mA	37mA	42mA	75mA
Weight	5.5Kg	11Kg	14Kg	22Kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18
Output voltage	230Vac ± 4%			
Output frequency	50Hz ± 0.1%			
Output waveform	True sinewave			
Warranty	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023
Standards	AS3100, EN55014, C€, C-TICK (*IEC62109-1 & *IEC62109-2)			

24V INVERTER SPECIFICATIONS

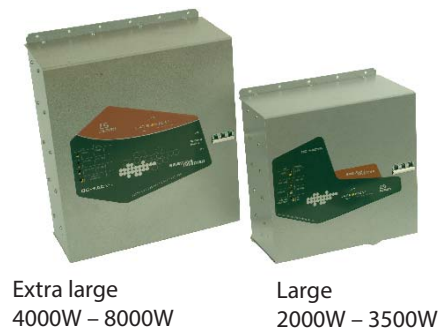
Model	LS-624	LS-1224	LS-1824	LS-2324*	LS-3024*	LS4024*
Continuous power	600W	1200W	1800W	2300W	3000W	4000W
Surge rating (5 second)	1800W	3600W	5400W	6900W	9000W	12000W
Standby current	22mA	28mA	30mA	45mA	50mA	60mA
Weight	5.5Kg	11Kg	14Kg	22Kg	24Kg	30Kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18	47x46x19
Output voltage	230Vac ± 4%					
Output frequency	50Hz ± 0.1%					
Output waveform	True sinewave					
Warranty	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023
Standards	AS3100, EN55014, C€, C-TICK (*IEC62109-1 & *IEC62109-2)					

48V INVERTER SPECIFICATIONS

Model	LS-648	LS-1248	LS-1848	LS-2548	LS-3548*	LS5048*	LS7048*
Continuous power	600W	1200W	1800W	2500W	3500W	5000W	7000W
Surge rating (5 second)	1800W	3600W	5400W	7500W	10500W	15000W	20000W
Standby current	22mA	28mA	30mA	35mA	40mA	55mA	60mA
Weight	5.5Kg	11Kg	14Kg	22Kg	24Kg	35Kg	40Kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18	47x46x19	47x46x19
Output voltage	230Vac ± 4%						
Output frequency	50Hz ± 0.1%						
Output waveform	True sinewave						
Warranty	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023	2 years 1 Year from 1st July 2023
Standards	AS3100, EN55014, C€, C-TICK (*IEC62109-1 & *IEC62109-2)						

Medium
1000W – 1800W

Small
500W – 600W



Extra large
4000W – 8000W

Large
2000W – 3500W

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