

Latronics Sine Wave Inverters

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.

Specifications

Rainbow Power Company Catalogue Numbers:	Cat.# INV-LS0512	Cat.# INV-LS1012	Cat.# INV-LS1512	Cat.# INV-LS2012	Cat.# INV-LS0624	Cat.# INV-LS1224	Cat.# INV-LS1824	Cat.# INV-LS2324	Cat.# INV-LS3024	Cat.# INV-LS4024	Cat.# INV-LS0648	Cat.# INV-LS1248	Cat.# INV-LS1848	Cat.# INV-LS2548	Cat.# INV-LS3548	Cat.# INV-LS5048	
Battery Voltage	Volts	12	12	12	12	24	24	24	24	24	24	48	48	48	48	48	
Continuous Power	Watts	500	1000	1500	2000	600	1200	1800	2300	3000	4000	600	1200	1800	2500	3500	5000
Half Hour Rating	Watts	550	1150	1600	2200	750	1600	2200	2800	3700	4500	750	1600	2200	3000	4100	6000
Surge Rating (5 secs)	Watts	1500	3000	4500	6000	2000	3600	5400	7000	9000	12000	2000	3500	5400	7500	10500	15000
Input Voltage Range	Volts	10.5 to 17 V				21 to 34 V						42 to 68 V					
Standby Current	mA	27	37	42	75	22	28	30	45	50	60	19	22	24	35	40	55
Inverter ON- no load	Amps	0.42	0.45	0.67	1.1	0.31	0.25	0.32	0.51	0.6	1.1	0.15	0.15	0.18	0.3	0.33	0.48
Peak Efficiency	%	90%	91%	91%	90%	92%	92%	94%	94%	93%	94%	93%	94%	94%	94%	94%	95%
Weight	kg	5.5	11	14	22	5.5	11	14	22	24	30	5.5	11	14	22	24	30
Length	mm	260	330	370	485	260	330	330	370	370	485	260	330	330	370	370	485
Width	mm	160	296	386	458	160	296	296	386	386	458	160	296	296	386	386	458
Height	mm	100	150	180	187	100	150	150	180	180	187	100	150	150	180	180	187
Output Voltage	Volts	230Vac \pm 4%															
Output Frequency	Hz	50Hz \pm 0.1%															
Operating Temperature		-10°C to +50°C															
Protection Circuitry		Over Temperature, Overload, Short Circuit, Battery Under Voltage, Battery Over Voltage															
Battery Leads		1.5 metres long (except 500W & 600W models which have 1 metre long lead), 10mm mounting lugs															
AC Output Wiring		3 terminal hardware junction box, labelled "Ac Output" (except 500W & 600W models which only have a power point)															
Chassis		Powder Coated Aluminium: 2mm thick for 500&600W models, 3mm thick for 1000 to 3500W, 4mm thick for 4000W+															
Warranty		2 years for models less than 2000W and 3 years for 2000W and over															
Standards		AS2279, AS3000, AS3100, EN55014 and C-Tick (also EN61000-4 for 2000W models and higher)															
Ratings		Specifications @ 25°C ambient, nominal battery voltage & unity power factor															

There is also a 7000W 48 volt inverter with a 20000W surge not included in the above table. All models produce a true sine wave with <4% harmonic distortion.



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