

Inverter Specifications

SPECIFICATIONS CONSISTANT IN ALL LS INVERTERS

Output waveform	True Sinewave <4% THD
Output voltage	240 Vac +/- 4% @ 50hz +/- 0.1% (500 - 1000W: 230 Vac +/- 4%)
Load start sensitivity	0-20W
DC to AC isolation	3500V
Cooling	Thermostatically Controlled Fan
LED status indicators	ON, Standby Mode, Over Temperature, Over Load, Battery Under Voltage, Battery Over Voltage
Protection circuitry	Full Electronic Protection against Over Temperature, Over Load, Short Circuit, Battery Under Voltage and Battery Over Voltage
Standards	AS3100, EN55014, CE, RCM, IEC62109-1, IEC62109-2

12V INVERTER SPECIFICATIONS

Model	LS-512	LS-1012	LS1512	LS2012
Continuous power	500W	1000W	1500W	2000W
Surge rating (5 secs)	1500W	3000W	4500W	6000W
1/2 hour rating	550W	1150W	1600W	2200W
DC voltage range	10.5-17V	10-17V	10-17V	10.5-17V
Standby current	27mA	37mA	42mA	75mA
Peak efficiency	90%	91%	91%	90%
Weight	5.5Kg	11Kg	14Kg	22Kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18
Warranty	2 years	2 years	2 years	3 years
CEC approved	N	N	N	Y

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 secs)	1800W	3600W	5400W	6900W	9000W	12000W
1/2 hour rating	750W	1600W	2200W	2800W	3700W	4500W
DC voltage range	21-34V	21-34V	21-34V	21-34V	21-34V	21-34V
Standby current	22mA	28mA	30mA	45mA	50mA	60mA
Peak efficiency	92%	92%	94%	94%	93%	94%
Weight	5.5Kg	11Kg	14Kg	22Kg	24Kg	30Kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18	47x46x19
Warranty	2 years	2 years	2 years	3 years	3 years	3 years
CEC approved	N	N	N	Y	Y	Y

48V INVERTER SPECIFICATIONS

Model	LS-648	LS-1248	LS-1848	LS-2548	LS-3548	LS-5048	LS-7048
Continuous power	600W	1200W	1800W	2500W	3500W	5000W	7000W
Surge rating (5 secs)	2000W	3600W	5400W	7500W	10500W	15000W	20000W
1/2 hour rating	750W	1600W	2200W	3000W	4100W	6000W	8500W
DC voltage range	42-68V	42-68V	42-68V	42-68V	42-68V	42-68V	42-68V
Standby current	19mA	22mA	24mA	35mA	40mA	55mA	60mA
Peak efficiency	93%	94%	94%	94%	94%	95%	95%
Weight	5.5Kg	11Kg	14Kg	22Kg	24Kg	30Kg	34Kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18	48x46x19	48x46x19
Warranty	2 years	2 years	2 years	3 years	3 years	3 years	3 years
CEC approved	N	N	N	N	Y	Y	Y

72V INVERTER SPECIFICATIONS

Model	LS-672	LS-1272	LS-1872	LS-2572	LS-3572
Continuous power	600W	1200W	1800W	2500W	3500W
Surge rating (5 secs)	1800W	3600W	5000W	7000W	10000W
1/2 hour rating	750W	1600W	2200W	3000W	4100W
DC voltage range	60-90V	60-90V	60-90V	60-90V	60-90V
Standby current	18mA	20mA	21mA	28mA	32mA
Peak efficiency	93%	94%	94%	95%	95%
Weight	5.5Kg	11kg	14kg	22kg	24kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18
Warranty	2 years	2 years	2 years	3 years	3 years
CEC Approved	N	N	N	N	N

96/110V INVERTER SPECIFICATIONS

Model	LS-696	LS-1296	LS-1896	LS-2596	LS-3596
Continuous power	600W	1200W	1800W	2500W	3500W
Surge rating (5 secs)	1800W	3600W	5000W	7000W	10000W
1/2 hour rating	750W	1600W	2200W	3000W	4100W
DC voltage range	80-140V	80-140V	80-140V	80-140V	80-140V
Standby current	17mA	18mA	18mA	19mA	23mA
Peak efficiency	93%	94%	94%	95%	95%
Weight	5.5Kg	11kg	14kg	22kg	24kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18
Warranty	2 years	2 years	2 years	3 years	3 years
CEC Approved	N	N	N	N	N

120V INVERTER SPECIFICATIONS

Model	LS-6120	LS-12120	LS-18120	LS-25120	LS-35120
Continuous power	600W	1200W	1800W	2500W	3500W
Surge rating (5 secs)	1700W	4500W	5000W	9000W	10000W
1/2 hour rating	600W	1600W	2100W	3000W	4100W
DC voltage range	96-160V	96-160V	96-160V	96-160V	96-160V
Standby current	16mA	17mA	17mA	18mA	21mA
Peak efficiency	93%	94%	94%	95%	95%
Weight	5.5Kg	11kg	14kg	22kg	24kg
Dimensions (cm)	26x16x10	33x30x15	33x30x15	37x39x18	37x39x18
Warranty	2 years	2 years	2 years	3 years	3 years
CEC approved	N	N	N	N	N

Due to constant improvements, specifications are subject to change without notice.

For any voltages not listed please contact our sales department.

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