

SELECTRONIC Sine Wave INVERTER

LD series – 24V models

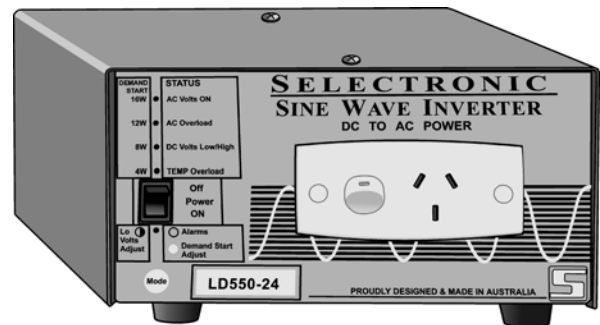
250W to 700W Continuous 600W to 2000W Surge

The low cost Selectronic's "LD" range of inverters will provide true sine wave mains style power for the smaller type of applications. The LD 250-24 can be either shelf or wall mounted, whereas the larger LD 550-24 and LD 700-24 are for shelf mounting only.

Reliable and Safe

The "LD" range is manufactured to meet Australian Standards AS3100 and AS3108 (for electrical equipment and isolating transformers) and also conforms to the requirements of the Electromagnetic Compatibility framework (C tick) providing low radio interference.

Modular Construction allows for quick and easy on-site servicing by an authorised person. Inconvenient down time is thus minimised.



PARAMETER	LD 250-24	LD 350-24	LD 550-24	LD 700-24	CONDITION
Output Power @ 25°C Ambient	250 Watts 320 Watts 750 Watts	350 Watts 450 Watts 1000 Watts	550 Watts 720 Watts 1650 Watts	700 Watts 900 Watts 2000 Watts	Max. Continuous ½ Hour Rating Max. Surge Voltage Range
Voltage Input Range	20 – 34V DC				
Input Current	No Standby 0.2 A DC 12 A DC 34 A DC	0.05 A DC 0.35 A DC 15 A DC 46 A DC	0.06 A DC 0.45 A DC 27 A DC 69 A DC	0.03 A DC 0.25 A DC 32 A DC 87 A DC	Stand-By Inverter On No Load Max. Continuous Max. Surge User Adjustable Response User Adjustable Fixed
Demand Start Sensitivity	No Demand Start	4 – 16 Watts			@ Nominal DC Input Max. Continuous Max. Surge
Response Time		1 Second Max.			
Low Voltage Shutdown	22 V DC ▲	20 – 23 V DC			
High Voltage Shutdown		34 V DC			
Output Voltage	240 V AC ± 4%				
Output Current	1.04 A AC 2.8 A AC	1.4 A AC 3.5 A AC	2.3 A AC 6.8 A AC	2.8 A AC 6.9 A AC	
Peak Efficiency	93%	92%	92%	93%	
Output Wave	True Sine Wave				Range
Output Frequency	50Hz ± 0.01%				
Total Harmonic Distortion	< 4%				
Protection	Overload, Over-temperature, Over/Under voltage, Reverse Polarity				
Input/Output Isolation	3,750 V AC				
Memory Retention	Permanent				
Operating Temperature	-10°C to 50°C				
DC Isolation	Single Pole Circuit Breaker				

Mechanical Specifications

Size	215 × 88 × 190	230 × 130 × 260	210 × 170 × 260	mm
Weight	4 kg	4.2 kg	7.6 kg	
Weight Packed	4.5 kg	4.7 kg	8.3 kg	
Input Lead Length	1 metre		1.5 metres	
Output Socket	Single unswitched	Single switched GPO	Dual Switched GPO Hardwire J Box	
Chassis	Powder coated zinc steel (Wedgewood Blue)			
Warranty	2 year parts and labour (conditions apply)			



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