

Steca PLI

300, 300-L60

The Steca PLI-300 is a low-cost 300 W sine wave inverter for supplying small AC appliances. It has a manual on/off switch allowing the inverter to be switched off to reduce own consumption. The device is especially suitable for use in solar home systems where manually switched small AC appliances are occasionally used in addition to the normal DC appliances. The device is supplied with DC cables and has a european AC power socket.



Product features

- True sine wave voltage
- Optimal battery protection
- Protective insulation according to protection class II

Electronic protection functions

- Deep discharge protection
- Battery overvoltage shutdown
- Overtemperature and overload protection
- Short circuit protection on the AC output side

Displays

- 2 LEDs show operating states

Operation

- Main switch

Certificates

- Compliant with european Standards (CE)

300 W



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Characterisation of the operating performance		
System voltage	12 V	
Continuous power	300 VA	
Power 30 min.	300 VA	
Power 5 sec.	350 VA	
Power asymmetric	250 VA	
Max. efficiency	85 %	
Own consumption standby / on	0.5 W / 9 W	
DC input side		
Battery voltage	10.5 V ... 15 V	
Reconnection voltage (LVR)	12.5 V	
Deep discharge protection (LVD)	10.5 V	
AC output side		
Output voltage	230 V AC +/-10 %	115 V AC +/-10 %
Output frequency	50 Hz	60 Hz
Safety		
Protection class	II (double insulated)	
Electrical protection	no reverse polarity protection for the battery, reverse polarity AC, over voltage, over current, over temperature	
Operating conditions		
Ambient temperature	-20 °C ... +50 °C	
Fitting and construction		
AC output side connection	European plug	
Cable cross-section battery	4 mm ² (AWG 12)	
Degree of protection	IP 20	
Dimensions (X x y x Z)	245 x 117 x 62 mm	
Weight	1.2 kg	

Technical data at 25 °C / 77 °F