

## Steca PLI-300

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



	300
<b>Characterisation of the operating performance</b>	
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
<b>DC input side</b>	
Battery voltage	10.5 V ... 15 V
Reconnection voltage (LVR)	12.5 V
Deep discharge protection (LVD)	10.5 V
<b>AC output side</b>	
Output voltage	230 V AC +/-10 %
Output frequency	50 Hz
<b>Safety</b>	
Protection class	II (double insulated)
Electrical protection	No reverse polarity protection for the battery, reverse polarity AC, over voltage, over current, over temperature
<b>Operating conditions</b>	
Ambient temperature	-20 °C ... +50 °C
<b>Fitting and construction</b>	
AC output side connection	European plug
Cable cross-section battery	4 mm <sup>2</sup> (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

Areas of application:

