



Pure Sine Wave Power Inverter

600W / 1000W

Technical data

Item number	A301-600W		A301-1000W	
	Rated input voltage	12 V DC	24 V DC	12 V DC
Constant output power	600 W		1000 W	
Peak output power (a max. of 15 min.)	1000 W (650 W)		2000 W (1200 W)	
Maximum input current	80 A	40 A	160 A	80 A
Output voltage 115VAC 230VAC	115VAC +/- 3% 230VAC +/- 3%			
Output frequency	50 Hz or 60Hz to be specified			
Idle current 115VAC	0.6A	0.45A	0.8 A	0.6A
Consumption 230VAC	0.8A	0.6A	1.2A	0.8A
Input voltage range	10.7 V – 16.5 V	21.4 V – 33 V	10.7 V – 16.5 V	21.4 V – 33 V
Low voltage alarm	< 10.7 V	< 21.4 V	< 10.7 V	< 21.4V
Low voltage shutdown	< 10 V	< 20 V	< 10 V	< 20 V
Efficiency up to	85 %			
Dimensions (mm)	335 x 236 x 83		395 x 236 x 83	
Weight	2.46kg		4 kg	

Rectifying faults

If you have detailed questions on the **specifications of the inverter** please contact us.



Fault	Cause	Remedy
No output voltage, LED not illuminated	Bad connection between battery and inverter. Internal fuses defect.	Check the cables and contact In this case send the unit back to supplier.
No output voltage OVER-TEMP LED illuminates	The inverter has been overheated.	Switch off the inverter and the power consuming units. Wait for approx. 5 - 10 minutes and switch on the inverter only. Reduce the loading and ensure a better ventilation for the inverter. Then switch back on the consuming unit.
Overload LED illuminates	Current consumption of the consuming unit is too high. Possibly, there is a short circuit in the consuming unit.	Switch off the inverter and disconnect the consuming units. Switch back on the inverter only. If the OVERLOAD LED is off, there is a short circuit at the consuming unit or the total load was higher than the performance specified within the technical data table. Check the connecting cable of the consuming unit for mechanical damages.
Acoustic signal in case of loading	Battery voltage too low. In case of loading battery voltage falls below 10.7 V resp. 21.4 V.	The battery must be recharged.

CAUTION:

*Always place the inverter in an environment which is:

- (A) Well ventilated
- (B) Not exposed to direct sunlight or heat source
- (C) Out of reach from children
- (D) Away from water/moisture, oil or grease
- (E) Away from any flammable substance