



ECO DC-AC 300

Pure Sine Wave Inverter

This high efficiency, microprocessor controlled DC-AC Inverter converts DC power to pure sine-wave AC power. Applications: Boats, Vehicles, Camping, Computers, Printers, Telecommunication, Solar Systems, Home Electronics.

Features

- > Pure sine wave output
- > USB port for charging
- > Soft-start technology for smoother and safer load start
- > Microprocessor controlled
- > Smart cooling system (fan start to operate only when consumption exceeds power rates).

Technical Characteristics

Model	DC-AC 300 (12V)	DC-AC 300 (24V)
Input Voltage Range	10V - 16 V DC	20V - 32 V DC
Output Voltage	240 V AC , 50 Hz	240 V AC , 50 Hz
Waveform	Pure Sine Wave (THD $\leq$ 3%)	Pure Sine Wave (THD $\leq$ 3%)
Continuous Power	300 W	300 W
Surge Power (3 sec)	600 W	600 W
Efficiency	90 %	90 %
USB Output	5 V DC Max. 1A	5 V DC Max. 1A
Input Over-Voltage Shutdown	15.5 V ~ 16.5 V	31.0 V ~ 33.0 V
Input Under-Voltage Shutdown	9.5 V ~ 10.5 V	19.0 V ~ 21.0 V
Input Under-Voltage Alarm	9.7 V ~ 10.3 V	20.5 V ~ 21.5 V
Overheat Protection	60 °C ~ 70 °C	60 °C ~ 70 °C
Overload Protection	370 W ~ 430 W	370 W ~ 430 W
Self Consumption	0.6 A	0.6 A
Fuse	2 x 20 A Car Fuses	2 x 20 A Car Fuses
Operating Temperature	0 °C ~ 40 °C	0 °C ~ 40 °C
Storage Temperature	-10 °C ~ +45 °C	-10 °C ~ +45 °C
Weight	1.35 kg	1.35 kg

* Specifications could be subject to change without any prior notice.

* ECO//SUN is not responsible for any print errors

* This version replaces all previous ones

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