

*Ideal for Computers
Printers, Precision
Electronics, High-end
Stereo Equipment,
Home Theatre
Systems, and
Musical
Instruments*



SPS Pure Sine 300

The best way to power your most sensitive electronics!

Computers and other sensitive electronic devices are finding their way into greater numbers of off-grid applications such as service vehicles, remote homes, and RVs. The PURE SINE 300 has been designed to provide 300 Watts of pure Sine Wave AC voltage for high-end electronics. It eliminates the problems arising from interference, surges and spikes caused by poor generator power, or the noise of modified square wave inverters.

State-of-the-art MosFet technology, coupled with unique **"Soft-Start"** circuitry, guarantees reliable operation. The output is a fully regulated 115 VAC sine wave, similar to household AC. Extensive input filtering ensures that no electrical noise will be generated to interfere with autopilots, radios, or other devices sharing the same battery source. The transformer type output provides protection against the generation of electrical "noise" and gives excellent filtering of the AC waveform to ensure trouble-free operation of any type of AC equipment.

Features include:

- Low voltage, over temperature, overload, short circuit, and ground fault protection.
- Power save mode with adjustable set point to minimize idle consumption.
- Floating DC input allows connection to either a positive or a negative DC ground.

Specifications

Electrical

Input voltage (VDC)	10.5 - 16 (20-30 @ 24V, 30-40 @ 32V)
Output voltage (VAC)	115±5 rms
Output Frequency (Hz)	60.00±0.01
Output Current (Amps)	2.5 continuous, 3.3 peak
Output Type	Pure Sine Wave
Output Distortion	<5% at 300 Watts into 0.8pf load
Efficiency	>80% @ 300 Watts
Idle Consumption	<3Watts
Temperature Rise	<30C @ 300 Watts
Fuses 2xATC 30A	(1xATC 30A @ 24V, 1xATC 20A @ 32 V)

Mechanical

Dimensions (cm)	26.4 x 19.6 x 13.2 (10.4 x 7.7 x 5.2 inches)
Weight (kg)	5.4 (12 lb)
Mounting Centres (cm)	15.9 x 17.9 (6.26 x 7.05 inches)
Material	5052H32 Marine grade aluminum
Finish	Dark green or black epoxy powder coat

General Info

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