

3000W DC to AC Pure Sine Wave Power Inverter

Features

- ◆ Input and output fully isolated design
- ◆ Pure sine wave output (THD<3%)
- ◆ Efficiency max. >90%
- ◆ Temperature controlled cooling fan
- ◆ Power meter (to go with RC-300)
- ◆ Remote Control (optional)
- ◆ Hardwiring

Protection

- ◆ Low battery alarm
- ◆ Input under voltage
- ◆ Input over voltage
- ◆ Over load
- ◆ Over temperature
- ◆ Short circuit



Specifications

Item No.	300S-12E	300S-24E	300S-12A	300S-24A
Rated input voltage	12VDC	24VDC	12VDC	24VDC
Constant output power	3000W			
Peak output power (a max. of 10 min)	6000W (3200W)			
Maximum input current	360A	180A	360A	180A
Output voltage	230VAC \pm 3%		115VAC \pm 3%	
Output Frequency	50Hz \pm 1Hz		60Hz \pm 1Hz	
Output wave form	Pure Sine Wave			
Total harmonic distortion	<3%			
No load current	<1.9A	<1.5A	<1.6A	<1.0A
Input voltage range	10.7V-16.5V	21.4V-33V	10.7V-16.5V	21.4V-33V
Low voltage alarm	10.7V \pm 0.1V	21.4V \pm 0.2V	10.7V \pm 0.1V	21.4V \pm 0.2V
Low voltage shutdown	10V \pm 0.1V	20V \pm 0.2V	10V \pm 0.1V	20V \pm 0.2V
High voltage shutdown	>16.5V	>33V	>16.5V	>33V
Over load shutdown	\geq 3300W			
Short circuit shutdown	1 ~ 1.5 Seconds			
Over temperature shutdown	90 \pm 5°C (Transformer T3)			
Over temperature restart	65 \pm 5°C (Transformer T3)			
Ground fault shutdown	none		GFCI Socket (5~6mA)	
Input reverse protection	Fuse			
Cooling	Temperature Controlled Fan			
Fan on	55 \pm 3°C (Transformer T6)			
Fan off	45 \pm 3°C (Transformer T6)			
Operating temperature	-20 ~ 40°C			
Efficiency up to	>88%	>90%	>85%	>88%
Dimension (L x W x H) mm	456.50 x 263 x 145mm			
Dimension (L x W x H) inches	17.97 x 10.35 x 5.7 inch			
Weight : KG / LB	9.80 kgs / 21.6 lbs			
Remote Controller	RC-300			