

# Pure Sine Wave

600W / 1000W / 1500W / 2000W DC to AC Power Inverter



60S-12E



100S-12E

## Features:

- Switching mode design
- High efficiency, low harmonic distortion
- Pure sine wave output voltage
- 12 or 24 VDC input and 115 or 230 VAC output
- Power on LED indicator
- Over Load protection LED indicator
- Over Temperature protection LED indicator
- Compact and light weight
- GFCI built-in for 1500W / 2000W and as option for 600W / 1000W



150S-12E

## Protection:

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

## Applications:

- Home electronics, office equipment, small tools and appliances.
- Battery chargers for camcorders, laptop computers, cellular phones & power tools.
- Ideal for camping, boating, caravans, mobile office, field work, emergency power and many other uses.
- Over 600W effect in high motor starting surge and can be used for hand tools, small refrigerator and most oxygen concentrators.



200S-12E

## Specification:

Item number	60S-12A	60S-24A	100S-12A	100S-24A
	60S-12E	60S-24E	100S-12E	100S-24E
Rated input voltage	12 V DC	24 V DC	12 V DC	24 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	70 A	40 A	125 A	62.5 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	<0.8A	<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)	280 x 236 x 83		395 x 236 x 83	
Weight	2.46kg		4 kg	

Item number	150S-12A	150S-24A	200S-12A	200S-24A
	150S-12E	150S-24E	200S-12E	200S-24E
Rated input voltage	12 V DC	24 V DC	12V DC	24V DC
Constant output power	1500 W		2000W	
Peak output power (a max. of 10 min.)	3000 W (1800 W)		4000W (2200W)	
Maximum input current	200 A	100 A	240A	120A
Output voltage 115VAC 230VAC	115VAC +/- 3% 230VAC +/- 3%			
Output frequency	50 Hz or 60Hz to be specified			
Idle current 115VAC	<1A	<0.6A	<1A	<0.8A
Consumption 230VAC	<1.6A	<1A	<1.6A	<1A
Input voltage range	10.7 V – 16.5 V	21.4 V – 33 V	10.7V – 16.5V	21.4V – 33V
Low voltage alarm	10.7 V	21.4 V	10.7 V	21.4 V
Low voltage shutdown	10 V	20 V	10 V	20 V
Efficiency up to	85 %			
Dimensions (mm)	415 x 283 x 100			
Weight	5.75 kgs		5.9 kgs	

**Accessories for option:**

**RC-15 Remote Control**



**RC15-A Remote Control**



**#4 AWG Cable length 1.0M**

**For 60S-12A/12E/24A/24E and 100S-12A/12E/24A/24E**



**#4 AWG Cable x 2 (in parallel) length 1.0M**

**For 150S-12A/12E/24A/24E and 200S-12A/12E/24A/24E**

