

## MS-HF-PSW-300W Pure Sine Wave Power Inverter



### Product Description:

Product Name: 300W Pure Sine Wave Power Inverter

Country of Origin: China

Model: HF-PSW-300W

Color: Black

Continue Power: 300W

Max. Output Surge: 600W

DC Input Voltage: 12V or 24V or 48V

AC Output Voltage: 110V or 120V or 220V or 230V or 240V

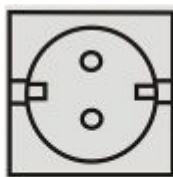
Dimensions (mm): (180+25) x 112 x 58

Weight (kg): 1.25KG

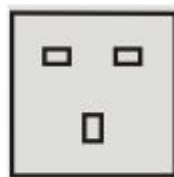
### • Output type:



Type1



Type2



Type3



Type4



Type5



Type6

### • Features :

- Digital microprocessor design
- Short circuit alarm and protection
- Overload alarm and protection
- Reverse polarity protection
- Intelligent over temperature alarm and shutdown
- High and low battery voltage alarm and shutdown
- Intelligent disperses heat system
- High surge capacity for starting demanding loads
- Stable output voltage and frequency

- Low no load current draw
- Advanced SMT technology
- Pure Sine Wave Output

• **Scope of Application :**

Computers, medical instruments, cash registers, TVs, DVD players, audio equipment, fax machines, limousines, buses, RVs, air-pumps, various types of light duty motors, etc.

• MS-HF-PSW-300W Specifications:				
Model		HF-PSW-300W-12	HF-PSW-300W-24	HF-PSW-300W-48
<b>Output</b>	Continuous output	300W		
	Surge Power	600W		
	AC Voltage	100V / 110V / 115V / 120V / 200V/ 220V / 230V / 240V to be selected		
	Regulation	Vrms $\pm$ 3%		
	Frequency	50Hz or 60Hz		
	Wave Form	Pure Sine Wave		
	Total Harmonic Distortion	THD < 3%		
<b>Input</b>	Battery Voltage	12V	24V	48V
	DC Current (typ.)	30A	15A	7.5A
	Low Battery Alarm	10.5V $\pm$ 2%	21V $\pm$ 2%	42V $\pm$ 2%
	Battery Voltage	10V $\pm$ 2%	20V $\pm$ 2%	40V $\pm$ 2%
	Selected			
	High Battery	16V $\pm$ 2%	32V $\pm$ 2%	64V $\pm$ 2%
	No load current	400mA	250mA	100mA
	Efficiency	87%		
<b>Protection</b>	High temperature	Yes		
	Short-circuit	Yes		
	Overload	Yes		
	Input Voltage	Yes		
Intelligent Design Heat Auto Control		Fan Start : 42°C $\pm$ 3 , Fan Stop : 38°C $\pm$ 3		
		High Temperature Shut Down : 70°C $\pm$ 3 , Restart Output : 55°C $\pm$ 3		
<b>Mechanical</b>	Dimensions (mm)	180+25(D) x 112 (W) x 58 (H)		
	Weight	1.25KG		