

Modified sine-wave UPS/Inverter



Description:

MSI Series UPS(inverter) use our own produced high quality toroidal transformer, making our UPS(inverter) with lower exciting current, lower static loss and higher efficiency. Its individual AVR function make your appliance work very smooth even if mains power is not stable.

CPU control

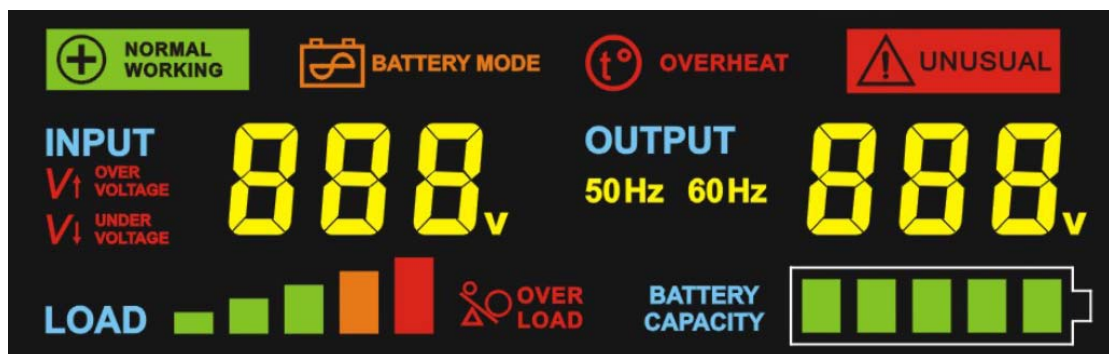
32-bit high speed CPU control, more accurate detection

Toroidal transformer

In-house high quality toroidal transformer, gives you more reliable UPS(inverter) with lower exciting current

LED graphic Humanistic and friendly interface

Input/output voltage and frequency, battery capacity, loading and etc can be showed on screen.



Sensitive short circuit protection

When short circuit happens, UPS(inverter) will shut down and giving warning.

Individual charger

When main power comes back, battery will be recharged automatically even UPS(inverter) was shut off. Charging current has High&Low selection.

Individual AVR

At mains mode, UPS(inverter) can use as Automatic Voltage Regulator.

Model		MSI-500	MSI-750	MSI-1000	MSI-1500	MSI-2000
Rated Capacity		500VA	750VA	1000VA	1500VA	2000VA
Rated Power		300W	450W	600W	900W	1200W
Transformer		C.R.G.O				
Interface		LED graphic				
Display Status		working & loading & battery				
Input	Voltage	100-280V/115-280V/157-280V/180-260V Optional				
	Frequency	45~65 Hz				
Output	Voltage	220Vac ±1% for inverter; 220Vac ±11% for regulator				
	Frequency	50/60 Hz ± 0.5Hz, subject to the main				
	Wave form	Modified sine wave				
Protection	Overload	Yes				
	High temperature	Yes				
	Output high/low voltage	Yes				
	Battery low voltage	Yes				
	Battery	Over-charge, over-discharge, reversed polarity protection				
	Short circuit	Yes				
Transfer Time		≤ 10ms				
Battery Voltage		12V DC	12V DC	12V DC	24V DC	24V DC
Charge Voltage		13.8V±0.2 V	13.8V±0.2 V	13.8V±0.2 V	27.5V±0.2 V	27.5V±0.2 V
Low Battery Voltage Limit		10.5V±0.3 V	10.5V±0.3 V	10.5V±0.3 V	21V±0.3V	21V±0.3V
Battery Low Voltage Protection Point		10V±0.3V	10V±0.3V	10V±0.3V	20V±0.3V	20V±0.3V
Charge Current		7A/15A Selection				
Cooling system		Yes				
Environmental	Operating temperature	0 - 40 °C				
	Relative humidity	10%~90% RH, non-condensing				
	Storage temperature	- 15 - 45 °C				
Appearance	Inverter size (mm)	205x120x310				
	Inverter N.W. (kg)	4.30	5.30	6.30	9.80	12.80
	Inner box size (mm)	240x160x360				
	Qty/Ctn	2				
	Carton size (mm)	540*365*185				
	Carton G.W. (kg)	10.50	12.50	14.50	21.50	27.50