

## HMI Series Modified Sine Wave UPS/Inverter



HMI series are the long backup series UPS/Inverter designed for India, Pakistan, Bangladesh, Middle East and African markets. With modified sine wave output, it can be used for most of home appliances like fan, lighting, TV, desktop PC, etc.

### •Main Features

- + Colorful Graphic LED/VFD display, showing **Left Backup Time**.
- + LT (Long Time) technology, for 365x24hours backup.
- + Powerful built-in battery charger 20A max.
- + Off-mode charging function.
- + Battery selector (between deep cycle battery and car battery).
- + AC input range 90-280/170-280V selectable.
- + Complete protection functions.
- + USB charging port for charging mobile phone.
- + Generator compatible optional.
- + External solar charger optional.
- + Compact desktop and wall mounted design.

## ●Specification

### INPUT

Input Voltage Range	Narrow Mode: 170-280VAC    Wide Mode: 90-280VAC
Input Frequency	50/60Hz ±5Hz

### OUTPUT

Rated Output Voltage	220VAC / 230VAC
Output Voltage Range	Line Mode: same as input voltage Battery Mode: ± 10%
Output Frequency	Line Mode: Synchronized with Input Frequency Battery Mode: 50/60Hz ±0.1Hz
Output Waveform	Line Mode: Sine Wave    Battery Mode: Modified Sine Wave
Efficiency	Line Mode: 100%    Battery Mode: >83%
Transfer Time	Line Mode to Battery Mode: 15ms typically Battery Mode to Line Mode: 4ms typically

### PROTECTION & ALARM

Protection	Overload, Overheat, Short Circuit, Battery Over Charge, Battery Over Discharge, Battery Reverse Connection
Buzzer Alarm	Battery low voltage, Battery empty, Overload, Overheat, Other errors

### CHARGER

Charging Scheme	Three Stage Smart Charging
Charging Current	20A max

### OTHERS

USB Charging Port	5VDC, 750mA
Battery Selector	Between Deep Cycle Battery and Car Battery
Cooling Fan	Automatic Startup When Temperature >60°C
Audible Noise	<56dB at 1m distance
External Solar Charger	Optional

### OPERATING CONDITIONS

Operating Temperature	-5°C - +45°C
Operating Humidity	10%-90%, non-condensing

### MODEL AVAILABLE

Model No.	HMI-500	HMI-800	HMI-1000	HMI-1200	HMI-1500	HMI-2000	HMI-2400
Capacity in VA	500VA	800VA	1000VA	1200VA	1500VA	2000VA	2400VA
Capacity in W	300W	480W	600W	720W	900W	1200W	1440W
Battery Voltage	12VDC				24VDC		
Machine Size	W304 x H89 x D230 mm						
N.W.	2.5kgs	2.5kgs	2.6kgs	2.7kgs	2.8kgs	2.9kgs	2.9kgs