

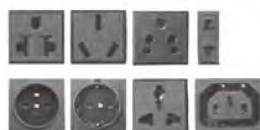


## Features

- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- RJ45 / USB ports
- Unattended safety shutdown: system alarm and auto Power-On / Off by USB interface communicating with PC

## Rear Panel

1. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection
3. USB
4. AC Input
5. Fuse



Optional sockets



800L



1200-1500L



2000VA



## Specifications

MODEL	HD-800L	HD-1200L	HD-1500L	HD-2000VA
Capacity	800VA/480W	1200VA/720W	1500VA/900W	2000VA/1200W
Case Type	Plastic			Metal
<b>INPUT</b>				
Voltage	100V / 110V / 120V: 80 ~ 150 Vac 220V / 230V / 240Vac: 162 ~ 295 Vac 220V : 145 ~ 295 Vac ( optional )			
Frequency	50 / 60 Hz $\pm$ 10% ( auto - sense )			
<b>OUTPUT</b>				
Voltage	100V / 110V / 120Vac $\pm$ 10% 220V / 230V / 240Vac $\pm$ 10%			
Frequency	50 / 60 Hz $\pm$ 1% ( auto - sense )			
Waveform	Main mode: pure sine wave Battery mode: simulated sine wave			
Transfer time	Typical 2 ~ 6 ms. Max 10 ms			
Socket	Universal x2 / Universal x3			
<b>BATTERIES</b>				
DC voltage	12 V	24 V		
Configuration	12V/8 Ah x 1	12V/7 Ah x 2	12V/8 Ah x 2	12V/9Ah x 2
Backuptime ( at a PC )	25 - 35 mins	30-40 mins	35-55mins	40-60mins
Recharge time	6 ~ 8h			
<b>MANAGEMENT</b>				
Communication port	RJ45/USB Supports: Windows 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 8.1 / 10			
LCD display	Yes			
<b>PROTECTIONS</b>				
Short circuit	Yes			
Battery overcharge	Yes			
Overdischarge	Yes			
Overload	Yes			
Surge	Yes			
<b>ENVIRONMENT</b>				
Humidity	20 – 90% RH @ 0 - 40°C ( non - condensing )			
Noise level	$\leq$ 45 Db (1m)			
<b>PHYSICAL</b>				
Net/Gross weight (Kg)	5.0 / 5.4	9.4 / 9.9	9.8 / 10.3	14 / 14.8
Dimensions /Packaged	90 x 305 x 165	115 x 320 x 220		125x380x225
Dimensions(W x D x H ) mm	133 x 349 x 232	161 x 369 x 290		180x450x295

Custom-made specifications are acceptable.