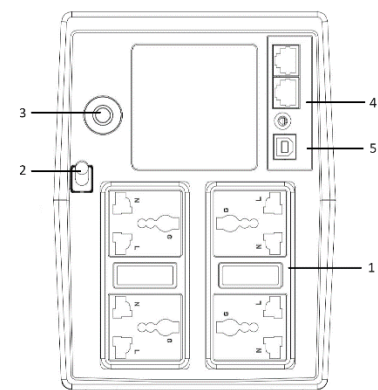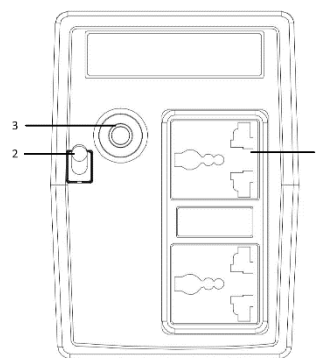# HYUNDAI

500VA-2000VA

Features

- Tower case with LED Display as default (LCD display - optional)
- 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 changing to shorten recharge time
- Short circuit , battery overcharge / overdischarge, overload , surge protections
- Automatic charging in OFF mode
- Optional no - load shutdown
- Optional USB communication port and RJ45 protection (600VA-2000VA)
- Unattended safety shutdown: system alarm and auto Power-On/Off by USB interface communicating with PC (600VA-2000VA - optional)

Rear panel

1. Output socket
2. AC input
3. Fuse
4. Tel/Modem/Fax surge protection (Optional)
5. USB (Optional)

MODEL	HD-500F	HD-600VA	HD-1000VA	HD-1050VA	HD-1200VA	HD-1500VA	HD-2000VA
Capacity	500VA/300W	600VA/360W	1000VA/600W	1050VA/630W	1200VA/720W	1500VA/900W	2000VA/1200W
Technology	Line interactive – Offline (with AVR)						
INPUT							
Voltage	220V/230V/240V (162-295Vac)						
Frequency	50Hz/60Hz ±10% (Auto-sensing)						
OUTPUT							
Voltage	220V/230V/240V ±10%						
Frequency	50Hz/60Hz ±1% (Auto-sensing)						
Transfer time	2 – 6ms						
Waveform	Mains mode: Pure sine wave; Battery mode: Simulated sine wave						
Outlet sockets	Universal x 2		Universal x 4	Universal x 2	Universal x 4		
BATTERY							
Type	Sealed lead-acid maintenance free battery						
DC voltage	12V		24V	12V	24V		
Backup time (for 1 PC)	20-25 mins		30-40 mins	20-25 mins	30-40 mins	40-55 mins	
Recharge time	6-8h						
INDICATORS							
AC mode	Green LED lighting						
Battery mode	Yellow LED lighting						
Low battery at Battery mode	Yellow LED flashing every second						
Fault	Red LED lighting						
Battery fault at AC mode	Red LED flashing 3 times every 2 seconds						
Battery weak at AC mode	Red LED flashing every 2 seconds for 30 seconds						
Overload	Red LED flashing every twice every second						
ALARM							
Battery mode	Sounding every 4 seconds						
Low battery	Sounding every second						
Fault	Continuously sounding						
OTHERS							
Noise	≤ 45dB (1m)						
Humidity	20 – 90% RH @ 0-40ºC (non-condensing)						
Protections	Short-circuit, battery overcharge, over discharge, overload, surge						
Dimension (D*W*H) (mm)	280*100*141	280*100*142	328*136*186	278*100*143	328*136*186		
Net weight (kg)	3.7	4.2	8.8	5.2	8.8	9.4	10.2
COMMUNICATIONS							
RJ45/USB (optional)	Support Windows 98/2000/2003/XP/Vista/2008/Windows 7/8/10						

* All specifications subject to change without notice.