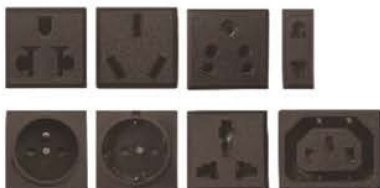# HYUNDAI

Features

- LED Display
- 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/overcharging, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown

Rear Panel

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

(Optional) 500VA –800VA 1200VA -1500VA 1500VA – 2000VA

HYUNDAI

Specifications

MODEL	HD-500F	HD-500VA	HD-800VA	HD-1000VA	HD-1200VA	HD-1500VA
Capacity	500VA/300W	500VA/300W	800VA/480W	1000VA/600W	1200VA/720W	1500VA/900W
Case type	Plastic case					
INPUT						
Voltage	100V/110V/120V : 80~150VAC 220V/230V/240V : 162~295VAC 220V: 145~295VAC (Optional)					
Frequency	50/60Hz ± 10% (Auto-sense)					
OUTPUT						
Voltage	100V/110V/120VAC ± 10% or 220V/230V/240V ± 10%					
Frequency	50/60Hz ± 1% (Auto-sense)					
Wave form	Mains mode: Pure sine wave Battery mode: Simulated sine wave					
Transfer time	Typical 2 ~ 7ms; Max 10Ms					
BATTERIES						
DC voltage	12V			24V		
Configuration	12V/4.5Ahx1	12V/7Ahx1	12V/8Ahx1	12V/7Ahx2	12V/7Ahx2	12V/8Ahx2
Recharge time	6 ~ 8h					
PROTECTIONS						
Short circuit	Yes					
Battery overcharge	Yes					
Overdischarge	Yes					
Overload	Yes					
Surge	Yes					
BACKUP TIME						
Backup Time (at 1PC)	20~25mins		25~35mins	30~40mins		35~55mins
ENVIRONMENT						
Huminity	20~90% RH @ 0~40°C (non condensing)					
Noise level	≤ 45 dB (1m)					
PHYSICAL						
N.W/G.W (Kgs)	3.7/4.1	4.2/4.6	5.3/5.8	9.5/10.0		12.6/13.4
Dimensions (W x D x H)mm	100 x 280 x 140			140 x 345 x 170		
Packaged dimensions (W x D x H)mm	139 x 325 x 210			198 x 406 x 245		

* All specifications subject to change without notice.
* Custom-made specifications are acceptable

LONG BACKUP   AVR   TEL/MODEM PORT   SOFTWARES   SURGE PROTECTION   DIGITAL DISPLAY   LIGHTNING PROOF