

RACK AND TOWER UPS

HYUNDAI



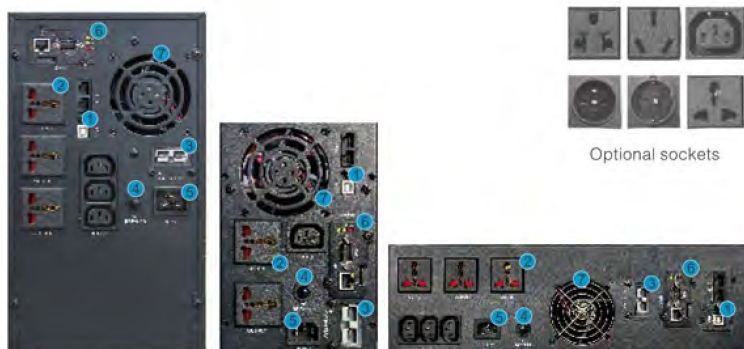
SERIES : 1000VA ~ 3000VA

Features

- Pure sine wave output
- Output power factor 0.8
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging in OFF mode
- USB & RJ45, AS400/SNMP (optional) communication port

Rear Panel

1. USB/RJ45
2. Output Sockets
3. EXT Battery (optional)
4. AC Breaker
5. Input
6. SNMP (optional)
7. Fan



HYUNDAI UPS - LICENSED BY HYUNDAI CORPORATION, KOREA

Specification

MODEL	HD-1000T/RT	HD-1500T/RT	HD-2000T/RT	HD-3000T/RT
Capacity	1000VA / 800W	1500VA / 1200W	2000VA/1600W	3000VA/2400KW
DC INPUT				
Rated voltage	24V	24V	36V	48 V
DC input range (default)	20~30 V	20~30 V	30~45V	40 ~ 60V
AC INPUT				
AC input range (bypass mode)	0 ~ 121 V / 132 V / 138 V / 144 Vac for 100 V / 110 V / 115 V / 120 Vac ± 10 Vac 0 ~ 242 V / 264 V / 276 V / 288 Vac for 200 V / 220 V / 230 V / 240 Vac ± 10 Vac			
AC input range (mains mode)	100 V: 70 ~ 130 Vac 110 V: 80 ~ 140 Vac 115 V: 85 ~ 145 Vac 120 V: 90 ~ 150 Vac 200 V: 145 ~ 260 Vac 220 V: 165 ~ 280 Vac 230 V: 175 ~ 290 Vac 240 V: 185 ~ 300 Vac			
Frequency input range	50 Hz / 60 Hz (auto-sense), 50 Hz / 60 Hz ± 5% ~ 15%			
Generator connection	Available (generator input power is settable)			
OUTPUT				
Inverter output range	100 V / 110 V / 115 V / 120 / 200 V / 220 V / 230 V / 240 Vac ± 5% (settable)			
AC output range (bypass mode)	0 ~ 121 V / 132 V / 138 V / 144 Vac for 100 V / 110 V / 115 V / 120 Vac ± 10 Vac 0 ~ 242 V / 264 V / 276 V / 288 Vac for 200 V / 220 V / 230 V / 240 Vac ± 10 Vac			
AC output range (mains mode)	100 V: 90 ~ 110 Vac 110 V: 99 ~ 121 Vac 115 V: 103 ~ 126 Vac 120 V: 108 ~ 132 Vac 200 V: 166 ~ 226 Vac 220 V: 188 ~ 245 Vac 230 V: 199 ~ 254 Vac 240 V: 210 ~ 264 Vac			
Output frequency	50 / 60 Hz ± 0.3 Hz (settable)			
Waveform	Pure sine wave			
Inverter efficiency	Max. 80%		Max. 85%	
Energy saving mode	Settable (< 3% load) , enter in 80 s			
No-load shutdown	Settable (< 3% load), shut down in 80 s			
Transfer time	≤ 10 ms			
THDV (resistive load)	≤ 5%			
Protections	Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperature			
Overload time (mains mode)	120 s for 110%, 60 s for 125%, 10 s for 150% (transfer to bypass mode)			
Overload time (inverter mode)	60 s for 110%, 10 s for 125%, 5 s for 150% (Shut down directly)			
Mute	Automatic mute in 60 s or by manual			
BATTERIES				
Battery capacity (H: external expansion)	12V/7Ah x 2	12V/9Ah x 2	12V/9Ah x 3	12V/9Ah x 4
Charging current	1 A (default)			
Equalizing charge voltage	Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable			
Floating charge voltage	Single battery 13.5 Vdc (default), 13.2 ~ 14.6 Vdc adjustable			
Low voltage alarm point	Single battery 10.8 Vdc (default), 9.6 ~ 13 Vdc adjustable			
Low voltage shutdown point	Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable			
COMMUNICATIONS				
USB+RJ45	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10			
SNMP (optional)	Power management from SNMP manager and web browser (standard with slot)			
OTHERS				
Operating temperature	5°C - 40°C			
Operating humidity	Relative humidity ≤ 93%			
Noise level	≤ 50 dB (1m)			
Tower	Dimensions (W × D × H) (mm)	144 × 345 × 215		144 × 410 × 215
	Net weight (kg)	12.2	14.2	18.5
Rack mount	Dimensions (W × D × H) (mm)	440 × 338 × 88		440 × 410 × 132
	Net weight (kg)	14.6	17.2	21.3
				26.7

● All specifications subject to change without notice.

