



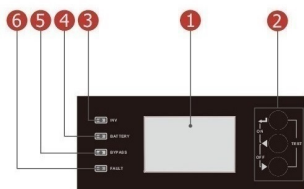
## Features

- Smart size, Higher power density
- Max charge current is 12A, 1-12A adjustable(long run model)
- Battery voltage: 192Vdc (16 batteries)
- Wide input voltage range
- Wide input frequency 40-70Hz
- Output 200Vac/220Vac/230Vac/240VAC can be set up.
- Power factor: 0.8
- Output Accuracy  $\pm 1\%$
- High overload capacity

## Introduction

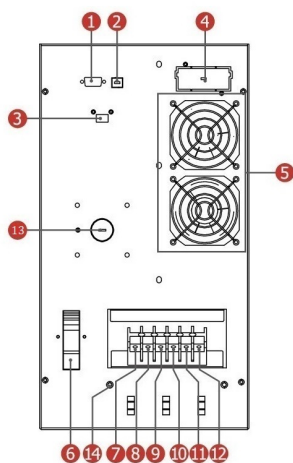
This Online Series is an uninterruptible power supply incorporating double-conversion technology. It provides perfect protection specifically for computer equipment, Communication Systems to computerized instruments. The double-conversion principle eliminates all mains power disturbances. A rectifier converts the alternating current from the utility power to direct current. This direct current charges the batteries and powers the inverter. On the basis of this DC voltage, the inverter generates a sinusoidal AC voltage which is constantly powering the loads. Computers and Peripherals are thus powered entirely by the UPS. In the event of power failure, the maintenance-free batteries power the inverter.

## Rear View



1. LCD Display
2. LED indicator
3. LED1: Inverter Info

4. LED2: Battery Info
5. LED3: Bypass Info
6. LED4: Fault Info



1. RS232 communication port
2. USB communication port
3. EPO port
4. Intelligent Slot
5. Fan
6. Input Switch
7. AC Input N
8. AC Input L
9. Battery +
10. Battery -
11. AC Output L
12. AC Output N
13. Maintain Switch Cover
14. Ground

### Specifications

MODEL		HD-6KTS
UPS	Capacity	6KVA/4.8KW
	Technology	True On-line double conversion technology
INPUT	Phase	1PH 2W + G
	Nominal Voltage	1 phase, 220/230/240VAC (Selectable)
	Input Voltage Range	120 ~ 276 VAC
	Frequency	50/60Hz (Auto-sensing); 50Hz (40~58Hz)
	Frequency range	40 ~ 70Hz
	Power Factor	≥ 0.99
	THDi	≤3%
	Automatic bypass	Yes
OUTPUT	Voltage	1 phase, 220/230/240VAC (Auto-sensing or selectable)
	Voltage regulation	±1%
	Crest factor	3:1
	Frequency	50Hz ± 1%; 50/60Hz ± 0.1% (Battery mode)
	Power factor	0.8
	Waveform	Pure sine wave
	Outlet	Hard wiring with terminal block
	Transfer time	0ms
BATTERY	Battery type	VRLA, Sealed Lead Acid maintenance free battery.
	Battery life	≥ 5 years
	DC voltage	192VDC
	Backup time	Full 100% load 4.8KW: ≥ 20 mins
	Charging current	1~12A (settable)
DISPLAY	LCD	Load/Battery/Input/Output/Operation mode
OTHERS	Overload Capacity	Load ≤ 105%: Keep working; 105% < load ≤ 125%: 1 min; 125% < load ≤ 135%: 30s
	Protections	Short-circuit, overload, overtemperature, overvoltage, undervoltage, fan failure
	Efficiency	Max efficiency: 95.5% at online mode, ≥ 98% at ECO mode
	Communications	RS232 with HD ProserIT (winpower software - UPS management program via RS232 computer connection protocol)
	SNMP card	Standard
	EPO	Emergency Power Off Function
	Parallel connection	Max 4 units (optional)
OPERATING ENVIRONMENT	Temperature	0°C ~40°C
	Humidity	20%~90% (non-condensing)
	Noise at 100% load	<55dB (1m)
	Storage temperature	-25~55°C (without battery)
PHYSICAL	Dimension(D*W*H), mm	500 x 240 x 462
	N.W(kg)	16

\* Product specifications are subject to change without further notice