



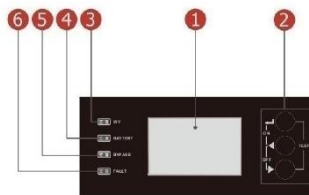
## Features:

- Capacity 6KVA
- 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 208Vac/220Vac/230Vac/240VAC can be set up
- Power factor: 1.0
- Output accuracy <1%
- High overload capacity

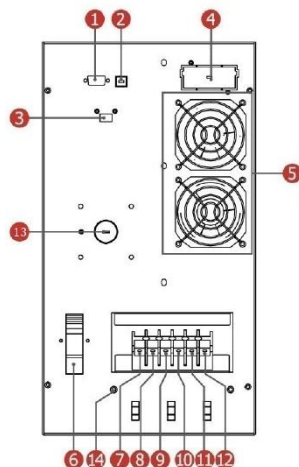
## Introduction

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          | 4. LED2: Battery Infor |
| 2. LED indicator        | 5. LED3: Bypass Infor  |
| 3. LED1: Inverter Infor | 6. LED4: Fault Infor   |



- |     |                          |
|-----|--------------------------|
| 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                   |

**Specification**
**6KVA LONG RUN MODEL**

MODEL		HD-6KTS
UPS	Capacity	6KVA/6KW
	Technology	True online double conversion technology
INPUT	Phase	1PH 2W + G
	Nominal voltage	1 phase, 208/220/230/240VAC(selectable)
	Input voltage range	110 ~ 300VAC
	Frequency	50/60Hz (Auto-sensing)
	Frequency range	40 ~70Hz
	Power factor	≥0.99
	THDi	≤3%
BYPASS	Automatic bypass	Yes
	Transfer time	0ms
OUTPUT	Voltage	1 phase, 208/220/230/240VAC (Auto-sensing or selectable)
	Voltage regulation	<1%
	Crest factor	3:1
	Frequency	50Hz ±1%; 50/60Hz ±0.1% (Battery mode)
	THDv	<2% Linear load; <4% Non linear load
	Power factor	1.0
	Waveform	Pure sine wave
	Outlet	Hard wiring with terminal block
BATTERY	Battery type	VRLA, Sealed Lead Acid maintenance free battery
	Battery life	≥5 years
	DC voltage	192VDC
	Backup time	≥21mins at full 100% load
	Charging current	1-12A (settable)
DISPLAY	LCD control	Load/ Battery/ Input/ Output/ Operation mode
OTHERS	Overload capacity	Load ≤105%: Keep working; 105%<Load≤125% load: 1min; 125%<Load≤135%: 30s
	Protections	Short-circuit, overload, overtemperature, overvoltage, undervoltage, fan failure
	Efficiency	Max efficiency: >95% at online mode, >98% at ECO mode
	Communications	RS232 with Winpower software – UPS management program via RS232 computer connection protocol; SNMP slot
		SNMP communication card( optional)
	EPO	Emergency power off function
	Parallel connection	Max 4 units (optional)
OPERATING ENVIRONMENT	Temperature	0 – 40°C
	Humidity	20% - 90% (non-condensing)
	Noise at 100% load	<55dB (1m)
	Storage temperature	-25 – 55°C (without battery)
PHYSICAL	Dimension(W*D*H), mm	240*500*462
	N.W (kg)	16

\* Product specifications are subject to change without further notice

2022 @version