



Introduction:

This Online Series is an uninterruptible power supply incorporating conversion technology. It provides perfect protection specifically for computer equipment, communication systems to computerized instruments.

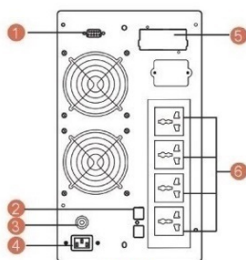
The double-conversion principle eliminates all mains power disturbances. A rectifier converts the alternating current from the utility power to direct current. This direct current charges the batteries and powers the inverter. On the basis of this DC voltage, the inverter generates a sinusoidal AC voltage 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.

Feature:

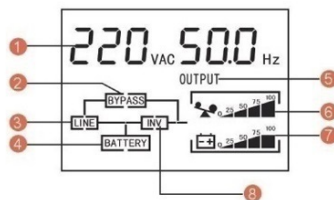
- Online double-conversion-IGBT
- Rated power 2KVA
- Pure sine wave output
- IGBT technology
- LCD Display
- Cold start function
- Support RS232 monitoring function

Rear panel and LCD display



2KT8
Rear Panel

1. RS232
2. Surge Protect Socket
3. Breaker
4. AC Input Socket
5. Intelligent Interface
6. AC Output Socket



LCD Panel

1. Parameters
2. Bypass indicator
3. Line indicator
4. Battery indicator
5. Parameters type
6. Load information
7. Battery information
8. Inverter indicator

Specifications

MODEL	HD-2KT8
Capacity	2000VA/1600W
Technology	Online double-conversion, IGBT
INPUT	
Phase	Single phase (220/230/240VAC)
Voltage range	110-300VAC at 100% load
Frequency	40~70Hz, 50/60Hz (Auto - sensing)
Power factor	≥0.99
OUTPUT	
Voltage range	220/230/240VAC ±1% (Setable or selectable)
Frequency	50/60Hz (Setable or selectable)
Crest Ratio	3:1
Harmonic distortion	<2%
Power factor	0.8
Output Waveform	Pure sine wave
Outlet	Universal *4
TRANSFER TIME	
Transfer time	Zero
Inverter to Bypass	1ms
INDICATOR	
LCD	Load/battery/ Input/Output/bypass/fault
BATTERY	
DC voltage	72VDC
Number of battery	12V7Ah * 6 (Sealed Lead-Acid; Maintenance free; Battery life: ≥ 5 years)
Backup time	70% load:11~12mins/80% load: 10~11mins/90% load: 9~10mins/100% load: 8~9mins
Battery test	Automatic battery test/Quick test/battery capacity test
OTHER	
Phase-neutral reversal indication	Alarming by blinking led when overload or fault
Overload protection	Protected against overload and short-circuit
Ability of start-up	Normal start-up/Start-up after a delay time/Start-up by energy of battery if the mains input is absent/Start-up from mains in the absent of battery
Control	By micro processor
Communications	RS232/USB
SNMP	Optional
ENVIRONMENT	
Humidity	20-90% (non-condensing)
Noise	<54db
Temperature	0~40°C. Storage Temperature: -15~50°C
PHYSICAL	
N.W (Kgs)	24.7
G.W (Kgs)	26.5
Machine Dim(W*H*D)mm	192*348*460
Package Dim (W*H*D)mm	285*425*560

* Product specifications are subject to change without further notice.