

6KVA - 5.4KW



Introduction

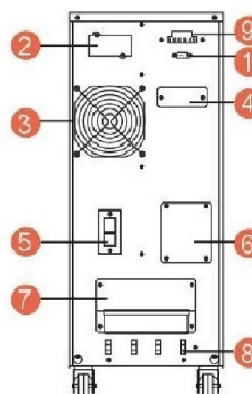
This Online single phase UPS is an uninterruptible power supply incorporating conversation technology. It provides perfect protection specially for computer equipment, communication systems to computerized instruments.

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.

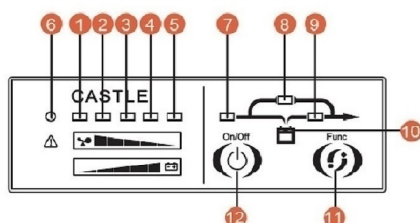
Computers and Peripherals are thus powered entirely by the UPS. In the event of the failure, the maintenance-free batteries power the inverter.

Rear Panel

1. Computer Interface
2. Intelligent Slot
3. Fan
4. Parallel Cover(Optional)
5. Input Switch
6. Maintain Switch Cover(Optional)
7. Terminal Cover
8. Cable fix frame
9. EPO(Optional)



LED Display Information



LED Panel

- | | |
|------------------------------------|---------------------|
| 1. LED1:Load/battery capacity info | 7. LINE INFO |
| 2. LED2:Load/battery capacity info | 8. BYPASS INFO |
| 3. LED3:Load/battery capacity info | 9. INVERTER INFO |
| 4. LED4:Load/battery capacity info | 10. BATTERY INFO |
| 5. LED5:Load/battery capacity info | 11. FUNCTION BUTTON |
| 6. FAULT INFO | 12. ON/OFF BUTTON |



- Pure sine wave output
- IGBT technology
- N + X parallel redundancy
- LED Display
- Cold start function
- Support RS232 monitoring function with free CD
- Support R232; power management and auto shutdown UPS entry with free CD (management software)

Specifications

MODEL	HD-6KT9
Capacity	6KVA / 5.4KW
Technology	On-line double conversion, IGBT
INPUT	
Rated voltage	220/230/240Vac
Voltage range	110 - 300Vac
Frequency range	50Hz (44-56Hz), 60Hz (54-66Hz)
Power factor	≥ 0.99
Total harmonic distortion (THDi)	≤ 3%
Bypass voltage range	- 40% ~ + 15% (settable)
OUTPUT	
Voltage	220Vac ± 5%
Frequency	50 / 60Hz ± 1%
Waveform	Pure sine wave
Crest factor	3:1
Total harmonic distortion (THDv)	≤ 1% (linear load)
Transfer time	Mains mode to battery mode : 0ms; Inverter mode to bypass mode: 0ms
Overload protection (Line Mode/AC mode)	At 105% load: 10mins; 106% ≤ Load ≤ 125%: 1min; Load > 125%: 10s
BATTERIES	
DC voltage	192Vdc
Inbuilt battery	16 x 12V7Ah
Recharge time	8 hours
Battery type	VRLA, Sealed Lead-Acid, maintenance free battery
Battery test	Automatic battery test, Quick test, Battery capacity test
Backup time at 100% load	7 ~ 8 mins
SYSTEM	
Efficiency	≥ 96%, ECO mode > 98%
LCD Display	Operation, Load, On bypass, On battery, Inverter, runtime level, load level
LED Display	Operation, Load, Battery mode, Output, fault ect...
COMMUNICATIONS	
RS232 (standard)	Supports Windows 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10 UPS monitoring & system shutdown software
SNMP (Optional)	Simple Network monitoring protocol (Power management from SNMP manager and web browser)
EPO (standard)	Emergency Power Off
OTHERS	
Humidity/Temperature	20 ~ 90% (non - condensing) / 0 ~ 40°C
Noise level	< 60 dB (1m)
Dimensions (W x D x H) (mm)	250 x 615 x 500
Weight (kg)	60.5

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