



Features

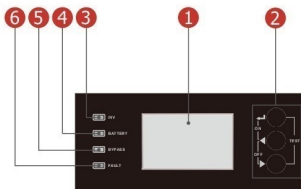
- Smart size, Higher power density
- The maximum efficiency is 95.5% online mode
- Max charge current is 12A, 1-12A adjustable(long run model)
- Battery voltage: 192Vdc (16 batteries)
- Wide input voltage range(110-300VAC)
- Wide input frequency 44-56HZ
- Output 200Vac/220Vac/230Vac/240VAC can be set up.
- Power factor:0.9
- Output Accuracy $\pm 1\%$
- High overload capacity

Introduction

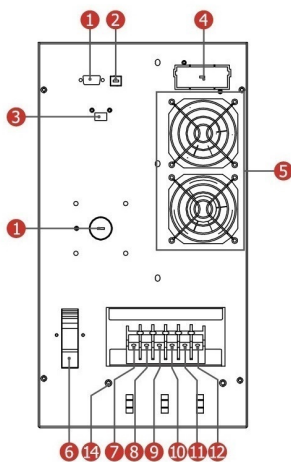
5KVA - 10KVA TOWER TYPE

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.

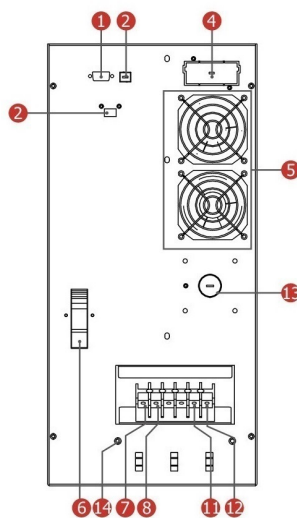
Rear View



- | | |
|------------------------|-----------------------|
| 1. LCD Display | 4. LED2: Battery Info |
| 2. LED indicator | 5. LED3: Bypass Info |
| 3. LED1: Inverter Info | 6. LED4: Fault Info |



KS



KT9

- | |
|-------------------------------------|
| 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(Optional) |
| 14. Ground |

Specifications

MODEL		HD-5KT9	HD-5KS	HD-6KT9	HD-6KS	HD-10KT9	HD-10KS
INPUT	Power rating	5KVA/4.5KW		6KVA/5.4KW		10KVA/9KW	
	Nominal Voltage	208/220/230/240VAC					
	Input Voltage Range	110~300VAC					
	Frequency Range	50Hz: 44~56Hz 60Hz: 54~66Hz					
	Power Factor	≧ 0.99					
	Harmonic Distortion	≤3%					
OUTPUT	Voltage	208/220/230/240VAC					
	Current	32.5A max			54.0A max		
	Voltage Regulation	±1%					
	Frequency	50/60Hz ±1%					
	THD	≤1% (Linear Load) ≤4% (Non-linearLoad)					
BATTERY	Battery Voltage	192VDC(Default)					
	Battery inbuilt	16pcs*12V7Ah	External batteries	16pcs*12V7Ah	External batteries	16pcs*12V9Ah	External batteries
	Backup time	8-10 mins	/	8-10 mins	/	5-7 mins	/
	Battery Current	30A			50A		
	Charging Current	1A	1~12A(Settable)	1A	1~12A(Settable)	1A	1~12A(Settable)
OTHERS	Overload Capacity	>100%~110%: 10mins, 110%~125%:1min, >125%:10s					
	Transfer Time	0ms					
	Efficiency	≧ 0.99					
	Communications	RS232, Intelligent slot (Available). USB/SNMP card/EPO (Optional)					
OPERATING ENVIRONMENT	Temperature	0℃ ~40℃					
	Humidity	20%~95%					
	Altitude	<1000m					
	Storage temperature	-25~55℃ (without battery)					
PHYSICAL	Dimension(D*W*H), mm	500*250*615	500*240*462	500*250*615	500*240*462	500*250*615	500*240*462
	N.W(kg)	60.5kg	16kg	60.5kg	16kg	64kg	16kg

* Product specifications are subject to change without further notice