



HYUNDAI UPS

Online UPS 3KVA

Features

- Rated power 3KVA
- Pure sine wave output
- IGBT technology
- N+X parallel redundancy
- LCD Display
- Cold start function
- Support RS232 monitoring function

3KVA TOWER TYPE

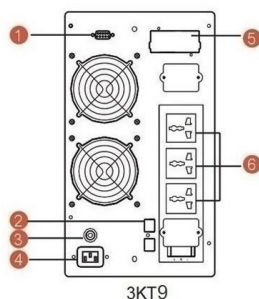
Introduction

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.

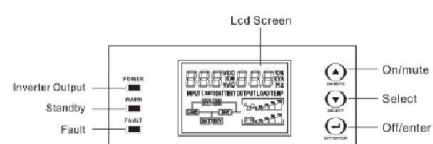
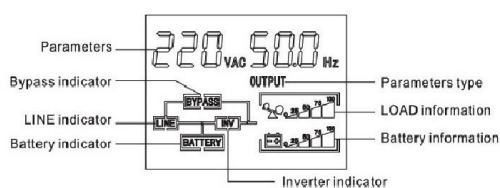
Computers and Peripherals are thus powered entirely by the UPS. In the event of power failure, the maintenance-free batteries power the inverter.

Rear Panel



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

LCD Display Information



LONG BACKUP



AVR



TEL/MODEM PORT



SOFTWARES



SURGE PROTECTION



DIGITAL DISPLAY



LIGHTNING PROOF

Specifications

MODEL	HD-3KT9
Capacity	3000VA/2700W
Type/Technology	Tower type / Online double conversion technology
INPUT	
Phase	1 Phase (2W+G)
Voltage	220V±3%
Voltage Range	110-300VAC
Frequency	50/60Hz; 40~70Hz (Autoadaptation)
Power Factor	≥ 0.99
Generator Connection	Yes
THDi	≤ 3% (linear load)
OUTPUT	
Phase	Single Phase
Voltage Range	208/220/230/240x(±1%)VAC
Frequency Range	50/60Hz ±0.1% (Auto sensing or settable)
Crest Ratio	3:1
Power Factor	0.9
Output Waveform	Pure Sine Wave
Outlet	C13-14/IEC x 3/Universal x 3 + Terminal
TRANSFER TIME	
Transfer Time	Zero
Transfer To Bypass	In case of overload/fault
INDICATOR	
LCD/LED	Load/Battery/Input/Output/Operation Mode/Discharging time/Fault
ALARM	
Alarms	By buzzer in case of wrong turning off, battery mode, low battery
Fault	Sounding every second
Protection warning	Overtemperature, overload, overvoltage, short-circuit, low battery, fan fault
COMMUNICATIONS	
RS232, RJ45	Available (Manage UPS by the specific software via RS232 port and surge protection with RJ45)
Others	USB/EPO/SNMP (Optional)
ENVIRONMENT	
Operating Environment	0~45°C
Humidity	0-90%(non-condensing)
Noise	<50db@1 Meter
Temperature	-25°C~55°C(no battery)
OTHER	
Overload protection	Load<110%: Keep working; 110%<Load≤130%: transfer to bypass in 1min; 130%<Load≤150%: transfer to bypass in 30s, then shutdown
IP level	IP20
Efficiency	≥ 95%: main mode, ≥98% ECO mode - High efficiency and power saving
Battery Inbuilt	12V9Ah*6
Battery type	Hyundai VRLA Sealed lead acid maintenance free battery. Battery type: 5 years
Backup time	Backup time for full load: 12 mins
Charging time	90% capacity recovered in 3 hours (>4-8h, prefer slow recharging to avoid a swollen battery)
Charging technology	ABM (Intelligent battery management function, transfer automatically to continuously charging technology)
PHYSICAL	
Machine Dimension W*H*D(mm)	190 * 330 * 455
Net Weight(kgs)	24

* Product specifications are subject to change without further notice.