



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

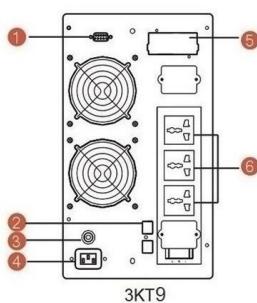
Introduction

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.

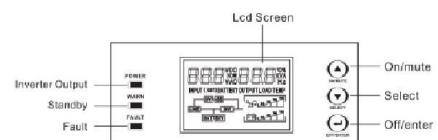
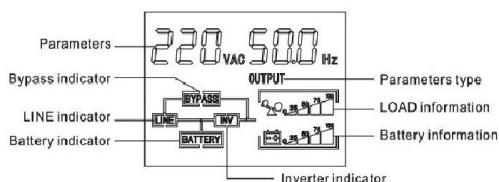
Computers and Peripherals are thus powered entirely by the UPS. In the event of power failure, the maintenance-free batteries power the inverter.

Rear Panel



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

LCD Display Information



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.