

Online single phase UPS 6KVA (PF0.9)

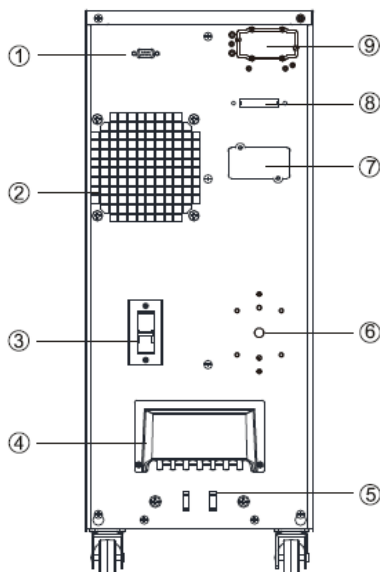


KEY FEATURES

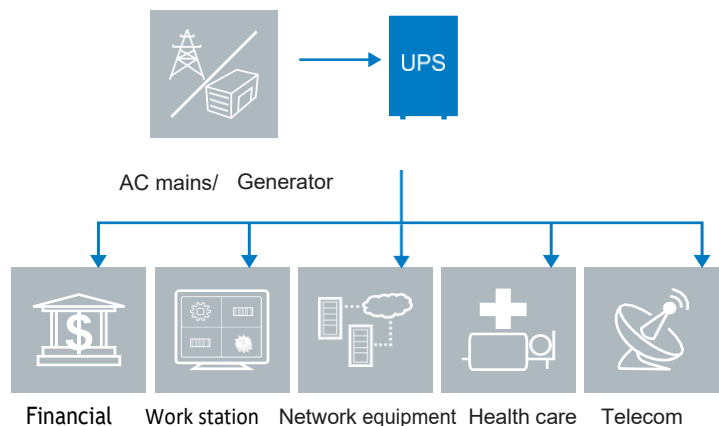
- True online double-conversion design with high adaptability to harsh mains conditions
- 0.9 output Power factor. Pure sinewave.
- High efficiency result in energy saving and supports energy-saving ECO mode
- Intelligent communication slot enables remote monitoring
- Wide input voltage and frequency range, support CVCF
- Parallel available with Parallel card (maximum 3, optional)
- Compliance CE with standard EN62040

REAR PANEL

1. RS232
2. Fan
3. AC Input Breaker
4. Terminal Cover
5. Beam Frame
6. Maintenance Bypass Switch (Optional)
7. Intelligent Slot(Optional)
8. EPO (Optional)
9. Parallel Card(Optional)



Typical applications



Product specifications

Online single phase UPS 6KVA

Model name		HD-6KT9
Power rating	kVA/kW	6kVA/5.4kW
Type		Tower
Working Efficiency	Double conversion mode (AC/AC)	95%
	ECO mode	98%
Input	Rated voltage	1 phase 208/220/230/240VAC (selectable) (derating to 90% load @208V)
	Voltage range	120-275Vac; 185-275Vac @ 120% load; 120-185Vac derating to 50% load linear
	Rated frequency	50/60Hz (Auto-sensing)
	Frequency range	40-70Hz (46-54Hz/56-64Hz)
	PF	>0.99
	THDi	<3% linear load
	Wiring/socket	Hardware terminal connection
	Generator connection	Yes
Output performance	Rated voltage	1 phase 208/220/230/240VAC +/-1%
	Rated frequency	50/60Hz (auto-sensing) +/-0.1%
	THDv	<2%@linear load, <4%@non-linear load
	Transfer time	(Line <-> Battery) 0ms
	Power factor	0.9
	Crest Ratio	3:1 Max
	Overload (line mode)	105%<load<=125% for 1 minute; 125%<load<=150% for 30s; load>150% for 0.5s;
	Wiring/socket	Hardware terminal connection
	Protections	Protect against inverter failure, Short-circuit, overload, overvoltage, undervoltage, overtemperature, battery discharger, fan failure...
Batteries	Voltage	192VDC
	Battery type	VRLA (Sealed lead-acid maintenance free battery)
	Inbuilt battery type	12V7AH
	Backup time	>5mins @80% load capacity
	Battery level display	0-15%; 16-35%; 36-55%; 56-75%; 76-95%; ≥96%
	Recharging time	90% capacity restored in 4h
Physical performance	Dimension(W*D*H)mm	500*248*616
	Net weight(kgs)	58.9
	LCD Display control	Controlled by (DSP) Digital signal processors control with measurements and settings: Load/Battery/Input- Output voltage/Bypass/Operations mode/input-output Frequency/Events/ Fault...
		LCD display Load information: 0-15%; 16-35%; 36-55%; 56-75%; 76-95%; ≥96%
	LED display	LED indicator status(with flash and alarm: BAT mode/ Online mode/ Bypass mode/ Fault.

HMI(human-machine interface)		When UPS wrong shutdown, low battery, low voltage, overload, fan fault....
	RS232	RS232 with UPS managements program via RS232 computer connection protocol, Auto shutdown or control PC/server before UPS stops working
	EPO	Yes, Emergency Power Off
	Intelligent slot	Yes, SNMP slot
	Monitor software	WinPower
	Communication(optional)	RS485-Modbus protocol(CMC card)/ SNMP-NMC(Network management card)
	Support	Compatible with Windows 98/2000/2003/XP/Vista/2008/7/8/10, Linux.....
Operating modes	Normal working mode	Online, on battery, on bypass, high efficiency, MBS(optional)
	Other working mode	CVCF
	Parallel	3 Max (Optional)
Environment	Operating temperature	0-40°C
	Relative Humidity	0-90% (non-condensing)
	Operating Altitude	0-3000m (derating 1% every 100m up @1000-3000m)
	Acoustic Noise	<50dB (1m)
Certification	Certification/standard	CE
	Protection level	IP20
Accessories	RS232 cable	Yes
	Manual	Yes