

Features:

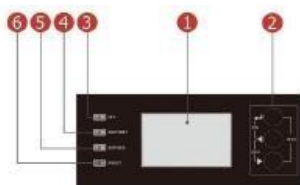


- Smart size, Higher power density
- The maximum efficiency is 95% online mode
- Max charge current is 1.2A; 4A adjustable (long run model)
- Battery voltage: 192Vdc (16 batteries)
- Wide input voltage range (120-275VAC)
- Wide input frequency 40-70Hz
- Output 208Vac/220Vac/230Vac/240VAC can be set up
- Pure sinewave
- Output accuracy $\pm 1\%$
- High overload capacity

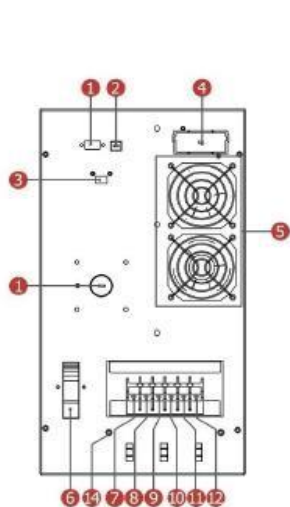
UPS ONLINE 1 PHASE 6KVA - 10KVA TOWER TYPE

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

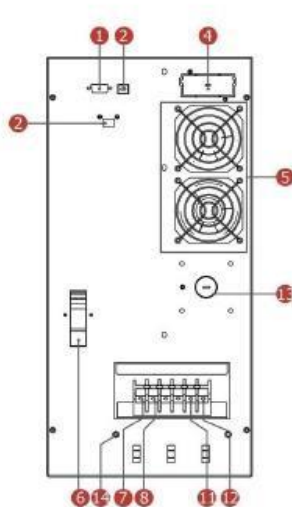
Rear view



- | | |
|------------------------|-----------------------|
| 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

ONLINE 1 PHASE 6KVA - 10KVA TOWER TYPE

MODEL		EC6KT9	EC6KS	EC10KT9	EC10KS
INPUT	Power rating	6KVA / 5.4KW		10KVA / 9KW	
	Nominal voltage	1 phase 208/220/230/240VAC (selectable) derating to 90% load @208V			
	Input voltage range	120~275VAC 185-275Vac @ 120% load; 120-185Vac derating to 50% load linear			
	Frequency range	50/60Hz(Auto-sensing) 40~70Hz (50Hz: 46~54Hz ; 60Hz: 56~64Hz)			
	Power factor	> 0.99			
	Harmonic distortion	< 3%			
	Gennerator connection	Yes			
OUTPUT	Voltage	1 phase 208/220/230/240VAC			
	Voltage regulation	±1%			
	Frequency	50/60Hz (Auto-sensing) ±0.1Hz in battery mode			
	P.F	0.9			
	THDv	<2% (Linear load) ; <4% (Non-linear load)			
	Wiring/socket	Hardware terminal connection			
	Crest Ratio	3:1 Max			
	Transfer time	(Line <-> Battery) 0ms			
	Overload capacity	105%<load<=125% for 1 minute; 125<load<=150% for 30s; load>150% for 0.5s			
	Protections	Protect against inverter failure, Short-circuit, overload, overvoltage, undervoltage, overtemperature, battery discharger, fan failure...			
BATTERY	Battery voltage	192VDC (Default)			
	Battery type	VRLA (Sealed lead-acid maintenance free battery)			
	Battery inbuilt	16*12V7Ah	External batteries	16*12V9Ah	External batteries
	Backup time at half load	9~10 mins	/	8~9 mins	/
	Recharging time	90% capacity restored in 4h (KT9 model)/ depend on the capacity of battery (KS model)			
	Battery current	30A		50A	
	Charging current	1A	1-12A (settable)	1A	1-12A (settable)
	OTHERS	Display & control	LCD+LED		
LCD Controlled by (DSP) Digital signal processors control with measurements and settings: Load/Battery/Input- Output voltage/Bypass/Operations mode/input-output Frequency/Events/ Fault...					

		LED indicator status(with flash and alarm: BAT mode/ Online mode/ Bypass mode/ Fault. When UPS wrong shutdown, low battery, low voltage, overload, fan fault....			
	Transfer time	(Line <-> Battery) 0ms			
	Efficiency	95% at Online mode; 98% at ECO mode			
	Communications	RS232,EPO, Intelligent slot-SNMP (Available). SNMP card (Optional)			
	Parallel connections	Max 4			
	IP rating	IP20			
OPERATING ENVIRONMENT	Temperature	0°C ~ 40°C			
	Humidity	0-90%(non-condensing)			
	Acoustic Noise	<50dB(1m)			
	Altitude	0-3000m (derating 1% every 100m up @ 1000-3000m)			
	Storage temperature	-25 ~ 55°C			
PHYSICAL	Dimension (D*W*H) mm	191*465*711	191*465*350	191*495*711	191*495*350
	N.W (kg)	53	14.5	62	16.5

**Product specifications are subject to change without further notice*