

The WISE Choice



ONLINE UPS WITH BATTERY



3 kinds of LCD can be selected







Colourful LCD

Gray LCD

Blue LCD







Optimized battery configuration

EM 6K Online | EM 10K Online

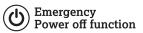


Power Factor 0.9



Generator Compatible

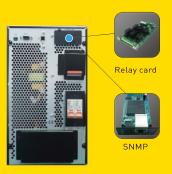




Special Features:

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range:110~286Vac
- Input power factor 0.99 with PFC
- Wide input voltage range:110~286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- Generator compatible

- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface: RS232/USB/EPO(Dry contact/SNMP card optional)
- Cold start
- Design with maintenance switch
- Intelligent fan speed regulation
- Multiple protection function: short circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan















ONLINE UPS WITH BATTERY



MODEL		EM 6K Online	EM 10K Online
Capacity		6000VA/ 5400W	10000VA/ 9000W
INPUT			
Nominal voltage		208/220/230/240Vac	
Input voltage range		110~286Vac	
Frequency range		40~70Hz (50/60Hz Auto-Sensing)	
Power factor		≥ 0.99	
		Max.voltage:230~264Vac	
Bypass voltage range		Min.voltage:176~220Vac	
OUTPUT			
Output voltage		208/220/230/240Vac	
Power factor		0.9	
Voltage regulation		±1%	
Output frequency	Line Mode	±10% of the rate	ed frequency
	Bat. Mode	(50/60±0	.1%)Hz
Crest factor		3	1
Harmonic distortion (THDv)			
		< 5% Non linear load	
Transfer time	AC mode to Bat.Mode	Or	
	Inverter to Bypass	5ms (T	ypical)
Output wavefor		Pure Sir	newave
•	Line Mode	Load≤105% long time running; ≤125% last 10min; ≤13	0% last 30s; >130% turn to bypass mode immediately
Overload	Bypass Mode	40A (Breaker)	63A (Breaker)
Efficiency	_,,,	93.	5%
BATTERY			
Battery voltage		192/216/240Vdc (Adjust	able) without neutral
Capacity (Standard unit)		192/216/240Vdc (Adjustable) ,without neutral 9Ah/12V (7Ah/12V optional)	
Typical recharging time			
Charging current		6~8 hours (to 90% of full capacity)	
		1A (Standard unit); Long run unit Max.current 8A (Charging current can be set according to battery capacity)	
INDICATORS			
LED display		Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault	
LCD display		Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time	
ALARM			
Battery mode		Beeping every 4 seconds	
Battery low		Beeping every second	
Overload		Beeping twice every second	
Fault		Continously beeping	
PHYSICAL			
Dimension W x D x H (mm)		H:191 x 460 x 337;S:191 x	460 x 720 (With wheel)
Net weight (kg)		69.5	71
ENVIRONMEN			
Operating temperature		0 ~	40
Storage temperature		-25 ~55	
Humidity range			
		20~95%RH @ 0~40 (Non condensing) <1500m,derating required when>1500m	
Altitude Noise level		· · · · ·	
		<55dB at 1 Meter	<58dB at 1 Meter
STANDARDS			
Safety		IEC/EN62040-1,IEC/EN 62477-1	
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

Specifications are subject to change without prior notice.

When output voltage is 208Vac, need to derate to 80% of the unit capacity.