



ONLINE UPS WITH BATTERY



3 kinds of LCD can be selected



Colourful LCD



Gray LCD



Blue LCD



Battery cabinet
(Optional)



Optimized battery configuration
7Ah/9Ah (12V)

EM 6K Online | EM 10K Online



Output
Power Factor 0.9



Generator
Compatible



ECO Mode



Emergency
Power off function

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 (Optional)
- 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	
Bypass voltage range	Max.voltage:230~264Vac Min.voltage:176~220Vac	
OUTPUT		
Output voltage	208/220/230/240Vac	
Power factor	0.9	
Voltage regulation	±1%	
Output frequency	±10% of the rated frequency (50/60±0.1%)Hz	
Crest factor	3:1	
Harmonic distortion (THDv)	≤ 2% Linear load ≤ 5% Non linear load	
Transfer time	AC mode to Bat.Mode Inverter to Bypass	0ms 5ms (Typical)
Output waveform	Pure Sinewave	
Overload	Line Mode Bypass Mode	Load ≤ 105% long time running; ≤ 125% last 10min; ≤ 130% last 30s; >130% turn to bypass mode immediately 40A (Breaker) 63A (Breaker)
Efficiency	93.5%	
BATTERY		
Battery voltage	192/216/240Vdc (Adjustable) ,without neutral	
Capacity (Standard unit)	9Ah/12V (7Ah/12V optional)	
Typical recharging time	6~8 hours (to 90% of full capacity)	
Charging current	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	Continuously 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
ENVIRONMENT		
Operating temperature	0 ~ 40	
Storage temperature	-25 ~55	
Humidity range	20~95%RH @ 0~40 (Non condensing)	
Altitude	<1500m,derating required when>1500m	
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.