

MEMOPOWER-III Series



1:1 Phase PF 0.9 (PF 0.8 optional)

Power range: 6kVA~10kVA



3 kinds of LCD can be selected



Colourful LCD



Gray LCD



Blue LCD



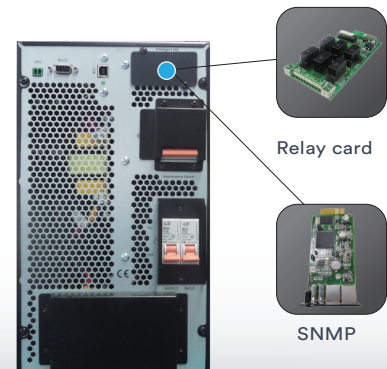
Battery cabinet
(Optional)



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

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 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 (Relay card
/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 fault alarm



Relay card

SNMP

Technical Specifications:

MODEL		MP 6k H	MP 6k S	MP 10k H	MP 10k S
Capacity		6000VA/5400W		10000VA/9000W	
INPUT					
Nominal voltage		208/220/230/240Vac			
Input voltage range		110~286Vac			
Power factor		≥0.99			
Bypass voltage range		Max.voltage: 230~264Vac Min.voltage: 176~220Vac			
FREQUENCY					
Frequency range		40~70Hz (50/60Hz Auto-Sensing)			
OUTPUT					
Output voltage		208/220/230/240Vac			
Voltage regulation		±1%			
Power factor		0.9			
Output frequency	Line mode	±10% of the rated frequency			
	Bat. mode	(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	0ms			
	Inverter to Bypass	5ms (Typical)			
Output waveform		Pure Sinewave			
Overload	Line mode	Load≤105% long time running; ≤125% last 10min; ≤130% last 30s; >130% turn to bypass mode immediately			
	Bypass mode	40A (Breaker)		63A (Breaker)	
Efficiency		up to 93.5%			
BATTERY					
Battery voltage		192/216/240Vdc (Settable) , without neutral	240Vdc	192/216/240Vdc (Settable) , without neutral	240Vdc
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)			
Typical recharging time		6~8 hours (To 90% of full capacity)			
Charging current		1.35A (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 WxDxH (mm)		H: 191×460×337; S: 191×460×720 (With wheel)			
Net weight (kg)		12	69.5	13.5	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/EN 62040-1, IEC/EN 62477-1			
EMC		IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)			

Specifications are subject to change without prior notice.

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

MP BT 6-10kVA battery pack specification

MODEL	MP BT40240
BATTERY SYSTEM	
Battery type	VRLA (Lead acid maintenance free battery)
Typical battery recharging time	6~8 hours (To 90% of full capacity)
Typical battery life	3~5 years, depend on discharging cycle and ambient temperature
System voltage	240Vdc
Battery quantity	2×20 PCS
Capacity	7Ah/9Ah (12V)
PHYSICAL	
Dimension W×D×H (mm)	250×619×616
Net weight (kg)	122/134
ENVIRONMENT	
Safety	CE
Operating environment	0°C~40°C
Relative humidity	0~95% (Non condensing)
Noise level	<40dB at 1 Meter

Specifications are subject to change without prior notice.

Remark: MP BT40240 "MP" means series; "BT" means Battery Tower cabinet; "40" means battery number inside the cabinet;
"240" means the battery system voltage.