

MEMOPOWER- III Series

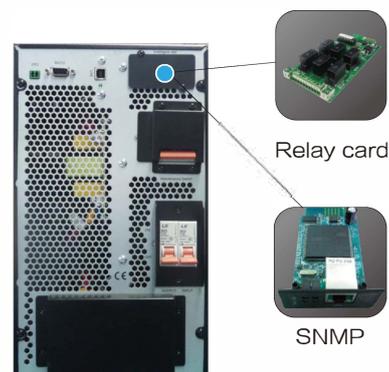
1:1 Phase PF 0.9 (PF 0.8 optional)

Power range: 6kVA~10kVA



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(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 fault alarm



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			
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	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	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,Batmode,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)	12	69.5	13.5	71
ENVIRONMENT				
Operating temperature	0°C ~ 40°C			
Storage temperature	-25°C ~ 55°C			
Humidity range	20-95%RH @ 0-40°C (Non condensing)			
Altitude	<1500m,derating required when>1500m			
Noise level	<55dB at 1 Meter		<58dB at 1 Meter	
STANDARDS				
Safety	IEC/EN62040-1,IEC/EN62477-1			
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.

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 x D x H (mm)	250 x 597 x 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

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