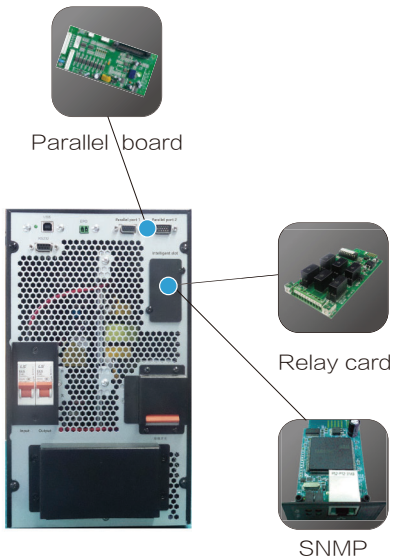
MEMOPOWER Pro-Ⅲ Tower Series

1:1 Phase PF 0.9 (PF 1.0 optional)

Power range: 6kVA~10kVA

Features

- N+X parallel redundancy,support maximum 4 units in parallel
- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: ±8/±9/±10pcs (Settable)
- Wide input voltage range:110~286Vac
- 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)
- Maximum charging current up to 10A
- Cold start
- Design with maintenance switch (Optional)
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm



Technical Specifications:

MODEL		MP Pro 6k H	MP Pro 6k S	MP Pro 10k H	MP Pro 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:220V:+25% (Optional+10%,15%,20%) 230V:+20% (Optional+10%,15%,20%) 240V:+15% (Optional+10%) Min.voltage:-45% (Optional-20%,-30%)			
OUTPUT					
Output voltage		208/220/230/240Vac			
Power factor		0.9			
Voltage regulation		± 1%			
Output frequency	Line Mode	± 1%/ ± 2% ± / ± 4%/ ± 5%/ ± 10% of the rated frequency (Optional)			
	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	0ms			
Output waveform		Pure Sinewave			
Overload	Line Mode	Load⩽110% last 60min; ⩽125% last 10min; ⩽150% last 1min;>150% turn to bypass mode immediately			
	Bypass Mode	40A (Breaker)		63A (Breaker)	
Efficiency		93.5%			
BATTERY					
Battery voltage		± 96/ ± 108/ ± 120Vdc (Adjustable)			
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 10A (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)		12.5	70	14	71.5
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/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 Pro battery pack specification

MODEL	MP BT40120N
BATTERY SYSTEM	
Battery tpye	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 discharing cycle and ambient temperature
System voltage	±120Vdc
Battery quantity	2 * ±10 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℃~40℃
Relative humidity	0~95% (Non condensing)
Noise level	<40dB at 1 Meter

Specifications are subject to change without prior notice.
Remark: MP BT40120N "MP" means series; "BT": means Battery Tower cabinet; "40" means battery number inside the cabinet;
"120" means the battery system voltage; "N" means battery with neutral connection.