

MEMOPOWER PLUS SERIES

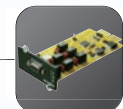
6~10kVA
1:1 phase PF: 0.9



Control Panel

Features

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120~276Vac
- Wide input frequency range(50Hz: 45~55Hz / 60Hz: 54~66Hz)
- Support generator input
- Support economic(ECO) operation mode
- Self-testing when UPS startup
- Options: SNMP card/Relay card/ Parallel card
- Cold start



Relay card



SNMP



Parallel module

Rear Panel



Battery Cabinets
(Optional)

Technical Specifications:

MODEL	MP S 6kVA	MP H 6kVA	MP S 10kVA	MP H 10kVA
Capacity (VA/Watts)	6k / 5.4k		10k / 9k	
INPUT				
Nominal voltage	220/230/240Vac			
Operating voltage range	120~276Vac			
Operating frequency range	50Hz:45~55Hz;60Hz:54~66Hz(auto sensing)			
Power factor	≥0.99			
Bypass voltage range	Max.voltage: 220V: +25%(optional +10%,+15%,+20%) 230V: +20% (optional +10%,+15%) 240V: +15% (optional +10%) Min.voltage: -45% (optional -20%,-30%)			
ECO range	Same as the bypass			
Harmonic distortion (THDi)	<3%(100% linear load)			
Generator input	Support			
OUTPUT				
Rated voltage	220/230/240Vac			
Power factor	0.9			
Voltage regulation	± 1%			
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% with linear load ≤5% with non-linear load			
Efficiency	>93.5%			
BATTERY				
Battery voltage	± 96/108/120Vdc (optional)			
Capacity (standard unit)	12V/7Ah/9Ah			
Typical recharge time	6~8 hours (to 90% of full capacity)			
Charge current	1A(Standard unit); Long run unit Max.current10A(charge current can be set according to battery capacity installed)			
SYSTEM FEATURES				
Transfer time	Mains to Battery:0ms; Mains to Bypass:0ms			
Overload	Line Mode	Load ≤ 110%: last 60min, ≤ 125%: last 10min, ≤ 150%: last 1min, >150% turn to bypass mode immediately		
	Bypass Mode	40A(Breaker)		60A(Breaker)
Short circuit	Hold Whole System			
Overheat	Line Mode: Turn to Bypass; Backup Mode: Shut down UPS immediately			
Low battery voltage	Alarm and Switch off			
Self-diagnostics	Upon Power On and Software Control			
Battery	Advanced Battery Management			
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault			
LED & LCD display	Line Mode, Bat. Mode, Eco Mode, Bypass Mode, Battery Low, Overload & UPS Fault			
LCD display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time			
Communication interface	RS232,USB,SNMP card(optional), Parallel card(optional), Relay card (optional)			
ENVIRONMENTAL				
Operating temperature	0°C ~ 40°C			
Storage temperature	-25°C ~ 55°C			
Humidity range	0 ~ 95% (non-condensing)			
Altitude	< 1500m			
Noise level	<55dB			
PHYSICAL				
Dimension D × W × H (mm)	502 × 250 × 616			
Net weight (kg)	62 / 18		64 / 20	
STANDARDS				
Safety	IEC/EN62040-1,IEC/EN60950-1			
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8			
BATTERY BANK				
Model	MP-BT Series			
Battery type& Max.quantity	2 × 20pcs/7Ah/(9Ah)			
PHYSICAL OF BATTERY BANK				
Dimensions D × W × H (mm)	597 × 250 × 616			
Net weight (kg)	122/134			

Specifications are subject to change without prior notice.