

# MEMOPOWER PLUS SERIES

6~10kVA  
1:1 phase PF:0.9



Control Panel

## Features

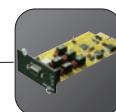
- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120~276Vac
- Wide input frequency range(50Hz: 45~55Hz / 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



Battery Cabinets  
(Optional)



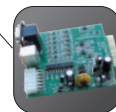
Rear Panel



Relay card



SNMP

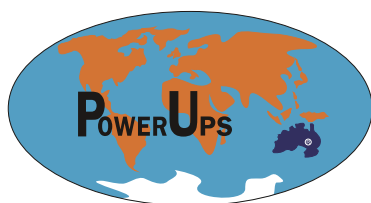


Parallel module

## 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℃~40℃			
Storage temperature		-25℃~55℃			
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.



## Australia PowerUps

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