

# MEMOPOWER PLUS SERIES

1~3kVA  
1:1 phase PF: 0.9



## Features

- High power density.
- Output power factor up to 0.9.
- Three segment charging mode to increase battery life, optimize recharge time.
- Selectable high efficiency mode of operation.
- Cold start.
- Standard communication options: RS-232 communication port, USB communication port, and relay output contacts or SNMP card.
- Power shedding function may turn off uncritical load in battery backup to make longer backup time for critical load.
- Extended runtime with up to four extended battery modules (EBPs) per UPS.
- Emergency shutdown control through the remote emergency power-off (EPO) port.
- Versatile LCD display with setting function.



Control Panel  
Up to 50 items set by LCD



Rear Panel



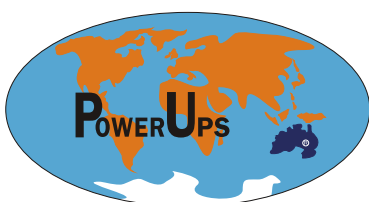
Battery Cabinets  
(Optional)

- 1.EPO port
- 2.Intelligent slot for SNMP card,drycontact card etc.
- 3.External battery cabinet connector
- 4.Output slots including two segments
- 5.Large current output slot
- 6.Input slot
- 7.RJ45 surge suppress port
- 8.RS232 port
- 9.USB port

## Technical Specifications:

MODEL	MP S 1kVA	MP S 2kVA	MP S 3kVA
Capacity (VA/Watts)	1000 / 900	2000 / 1800	3000 / 2700
INPUT			
Nominal voltage	220 / 230 / 240Vac		
Operating voltage range	200~290Vac(Full load)		
Operating frequency range	50/60Hz±10%		
Power factor	≥0.99		
Max. input current	4.9A	9.5A	14.2A
OUTPUT			
Output voltage	200/208/220/230/240Vac±1%		
Output frequency	Synchronized with the utility on AC mode; 50/60(±0.1)Hz on battery mode		
Crest factor	3:1		
Harmonic distortion (THDv)	<3% (linear load)		
Efficiency	>89%	>89%	>89%
	>94% (high efficiency mode)		
BATTERY			
DC voltage	36Vdc	72Vdc	72Vdc
Battery type & number	12V/7Ah/9Ah×3	12V/7Ah/9Ah×6	12V/9Ah×6
Backup time	Estimated remaining time displayed on the LCD		
Typical recharge time	5 hours (to 90% of full capacity)		
Charge current	1.0A	1.0A	1.0A
SYSTEM FEATURES			
Transfer time	1. 0ms (Mains ↔Battery) 2. <4ms (Mains ↔ Bypass)		
Overload capability	30s at 100%-150% ;300ms at>150%		
LCD indication	Load/Battery/Input/Output/Operating Mode Information		
Audible alarm	1. Sounding every 4 seconds (Battery Mode) 2. Sounding every second (Low Battery) 3. Sounding twice every second (Overload) 4. Continuously Sounding (Fault)		
Communication interface	RS232,USB,SNMP (optional)		
ENVIRONMENTAL			
Operating temperature	0~40℃		
Humidity range	0~95% (non-condensing)		
Altitude	<1500m		
Noise level	<55dB		
PHYSICAL			
Dimension D×W×H (mm)	409×144×215	466×199×337	
Net weight (kg)	13	24.6	25.5
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		

Specifications are subject to change without prior notice.



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