

## MP Series

### Rack Mount UPS

1 / 2 / 3KVA

1:1 Phase



### Applications:

For all kind of ADP Machines



## Features:

- High frequency and double conversion with PWM technology
- Fully digitized microprocessor control
- Wide input range
- LCD display
- Cold start
- Advanced battery management
- Automatic battery charging in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed adjusted by load automatically
- Network/fax/modem surge protection
- Optional extension battery pack
- EMI/RFI noise filter
- Smart Rs232 communication with monitoring software
- Optional SNMP card slot
- EPO function (optional)
- Input L and N reversed alarm function
- Size 2U & 3U
- IGBT based charger for smart battery management & improve input powerfactor

## LCD Display



## Rear Panel

1. RS232
2. USB
3. SNMP Slot
4. Fan
5. External Battery Socket
6. Output Socket
7. Input Socket
8. Circuit Breaker



## ► Technical Specifications of MP Series 1~3KVA

MODEL		MP1101L3	MP1101B3	MP1102L6	MP1102B6	MP1103L6	MP1103B6
Capacity (VA)		1000		2000		3000	
INPUT							
Nominal Voltage		230V AC (1Ph+N+PE)					
Operating Voltage Range		100~280V AC at 50% Load; 160~280V AC at 100% Load					
Operating Frequency Range		40~70 Hz (Auto Sensing)					
Power Factor		0.99					
Phase		Single Phase In / Single Phase Out					
OUTPUT							
Output Voltage		200 / 208 / 230 / 240V AC ±1%					
Output Frequency		Mains Mode: 50/60 Hz ±3Hz (Sync to Mains); Battery mode: 50/60 Hz ±0.1Hz					
Crest Factor / Power Factor		3:1 / 0.9					
Harmonic Distortion (THDv)		≤ 1 %					
Efficiency		92%					
Transfer Time	AC to DC	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform		Pure Sinewave					
BATTERY							
DC Voltage		36V		72V			
Charging Current		1A	6A	1A	6A	1A	6A
Battery Configure			03 x 7AH		06 x 7AH		06 x 9AH
Typical Recharge Time		8 Hrs. (to 90% of full Capacity)					
SYSTEM FEATURES							
LCD Indication		Input Voltage & Frequency, Output Voltage & Frequency, Battery Voltage & Percent, Load Watt, VA & Percent, Inverter Temperature, Operation Mode Such as “ONLINE”, “BYPASS”, “ONBATT”, “ERROR CODE”.					
LED Indication		Normal Operation, Bypass and Fault Indication					
Audible Alarm		Battery Mode, Low Battery, Over Load and Fault					
Overload Capacity		>130~150% for 30 Sec, >150% for 300 ms					
Communication Interface		RS-232, USB & SNMP (Optional)					
ENVIRONMENTAL							
Operating Temperature		0~50°C*					
Storage Temperature		-15~60°C					
Humidity Range		0~95% (Non-Condensing)					
Altitude		0-3000 m					
Noise Level		<50 dBA @ 1 mtr.					
PHYSICAL							
Net/Shipping Weight (Kg)		8/10	15.5/17.5	8.3/10.3	25/28	10/12	30/33
Dimension WxDxH (mm)		483x400x89 (2U)		438x580x133 (3U)			
STANDARDS							
Quality		ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, BIS, RoHS					
Safety		IEC/EN62040-1					
EMC / Performance		IEC/EN62040-2; IEC/EN62040-3, Complying to CE					
Communication Interface							
Standard		RS-232					
Optional		SNMP / ModBus / USB / RS-485					
Monitoring Software		NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000					

\* Conditions apply.  
 Specifications are subject to change without prior notice.

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