

MP Series

Rack Mount UPS 1/2/3kVA

Applications:

For all kind of ADP Machines



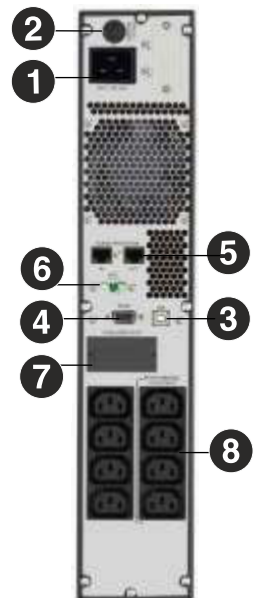
The **MP series** ranges from 1 to 3kVA Rack mount & Tower design suitable for all types of power problems & protection for ADP machines. This series incorporates highest efficiency in the industry with lowest form factor. A comprehensive LCD allows users to easily monitor and access their UPS status. Low electromagnetic emissions compliant for sensitive loads.

Features:

- ♦ True online double conversion topology
- ♦ Input power factor correction
- ♦ Output power factor 0.9
- ♦ Wide input voltage range (110-300 VAC)
- ♦ ECO mode for energy saving
- ♦ Generator compatible
- ♦ Adjustable charging current (1A~6A)
- ♦ Rack-Tower 2-in-1 design
- ♦ Hot-swappable battery design
- ♦ User friendly LCD Display

Rear Panel:

1. AC Input
2. Input Circuit Breaker
3. USB Communication Port
4. RS-232 Communication Port
5. Network/Fax/Modem Surge Protection (RJ 45)
6. EPO Connector
7. Intelligent Slot
8. IEC Output Sockets



STANDARD MODEL		MP1101B2	MP1102B4	MP1103B6
LONG-RUN MODEL		MP1101L2	MP1102L4	MP1103L6
PHASE		Single Phase with Ground		
CAPACITY		1000VA / 900W	2000VA / 1800W	3000VA / 2700W
INPUT				
Nominal Voltage		200/208/220/230/240VAC		
Input Voltage Range		120-300 VAC at 50% load 180-300 VAC at 100% load		
Frequency Range		40Hz ~ 70 Hz		
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)		
OUTPUT				
Output Voltage		200/208/220/230/240VAC		
Voltage Regulation		± 1%		
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz		
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ±0.15 Hz		
Current Crest Ratio		3:1		
Harmonic Distortion		≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)		
Transfer Time	AC Mode to Battery Mode	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
Efficiency (AC to AC)		≥ 90%		
BATTERY				
Standard Model	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH
	Numbers	2	4	6
	Typical Recharge Time	6 Hrs recover >90% capacity		
	Charging Current	1.0 A		
	Charging Voltage	27.4VDC ± 1V	54.7 VDC ±1V	82.1 VDC ±1V
Long-run Model	Battery Type	Depending on the capacity of external batteries		
	Numbers	3	6	6
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A		
	Charging Voltage	41.0VDC ±1V	82.1 VDC ±1V	82.1 VDC ±1V
STATUS INDICATION				
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer and Fault conditions		
Audible Alarm		Battery Mode, Low Battery, Overload, Fault		
PHYSICAL				
Standard Model	Dimension, D x W x H (mm)	310 x 438 x 88 [2U]	410 x 438 x 88 [2U]	630 x 438 x 88 [2U]
	Net Weight (kgs)	12	19	29.3
Long-run Model*	Dimension,D x W x H (mm)	310 x 438 x 88 [2U]	410 x 438 x 88 [2U]	
	Net Weight (kgs)	9	12	14.2
ENVIRONMENT				
Humidity		20-90 % RH @ 0- 40°C (non-condensing)		
Noise Level		Less than 50dB @ 1 Meter		
MANAGEMENT				
Smart RS-232 / USB / IoT		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC , IoT enable		
Optional SNMP		Power management from SNMP manager and web browser		

Technical Specifications of Battery Pack

MODEL	BPMP16N9	BPMP12N9
Supported UPS	1/2/3kVA	
Battery Type	12 V/9 Ah	
Battery Number	6 numbers	12 numbers
Battery Voltage	36/72VDC	36/48/72VDC
Dimension(DxWxH)	410x438x88 [2U]	630x438x133 [3U]
Net Weight (kgs)	22	41

* Derate to 80% of capacity in frequency converter mode.

** Product specifications are subject to change without prior notice.



BPMP16N9



BPMP12N9

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