

MPP Series

Rack Mount UPS 1/2/3kVA

Applications:

For all kind of ADP Machines



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

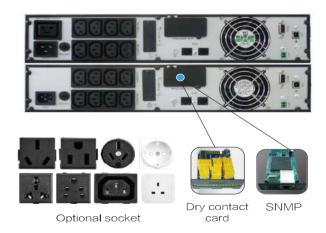
Features:

- True Online Double-Conversion Technology (VFI-SS-111)
- DSP Technology Guarantees High Performance
- Pure Sine Wave Output
- IGBT Based both Rectifier & Inverter
- Wide Input Volatge Range (100V~300V AC)
- Input Power Factor Correction ≥0.99
- 3-Stage Charging for Optimized Battery Performance
- Rack mount / Tower Convertible Design
- Output Power Factor unity (1.0, kVA = kW)
- Hot-swappable Battery Design
- User Friendly LCD for Monitoring
- Supports Frequency Conversion Mode
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Fan Speed Regulation as per Load
- Automatic Static Bypass Switch
- Inbuilt Cold Start & Soft Start Feature
- **Auto Restart Function**
- Generator Input Compatible
- IoT Compatible with wifi/Bluetooth Monitoring

Front Panel:



Rear Panel:













Technical Specifications of MPP Series 1~3kVA

Internal Battery Model		MPP1101B2	MPP1102B6	MPP1103B6		
External Battery Model		MPP1101L2	MPP1102L6	MPP1103L6		
PHASE			Single Phase with Groung			
CAPACITY		1000VA / 1000W	2000VA / 2000W	3000VA / 3000W		
INPUT						
Nominal Voltage		208/220/230/240VAC				
Input Voltage Range		100 -300 VAC at 50% load 160-300 VAC at 100% load				
Frequency Range		40Hz ~70 Hz				
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)				
DUTPUT						
Output Voltage		208/220/230/240VAC				
Voltage Regulation		± 1%				
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz				
Frequency Range (Batt. Mode)		50Hz/60Hz ± 0.1 Hz				
Current Cre		3:1				
Harmonic I		≤ 1% THD (Linear Load)				
Transfer Time	AC Mode to Battery Mode	Zero				
	Bypass to Inverter	4 ms (Typical) Pure Sinewaye				
Waveform (Batt Mode) Efficiency (AC to AC)						
Efficiency ((AC IO AC)	92.0% Dual Conversion Mode, 99.0% ECO Mode				
DAITERT	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH		
	Numbers	2	6	6		
nternal Battery	Typical Recharge Time	4-6 Hrs recover >90% capacity				
/lodel	Charging Current	1.0 A				
	Charging Voltage	27.4VDC ± 1V	82.1 VDC ±1V			
	Battery Type	27.4400 114	SMF VRLA / Lithium Battery Compatible			
	Numbers	3	6			
External Battery	Charging Current (max.)		1.0A/2.0A/4.0A/6.0 A			
Model	Charging Voltage	41.0VDC ±1V	82.1 VDC ±1			
TATUS IN	DICATION					
	BIOATION	LIDS status Lo	and level Pattery level Input/Output voltage Disch	argo timer and Fault conditions		
LCD Panel Alarm / Protection		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer and Fault conditions Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current, Over Load, DC BUS Under / Over Voltage and Battery low				
PHYSICAL			<u> </u>			
nternal	Dimension, D x W x H (mm)	440 x 325 x 86.5 [2U]	600 x 440) x 86.5 [2U]		
attery Mod	del Net Weight (kgs)	12	19	29.3		
External	Dimension,D x W x H (mm)	440 x 325 x 86.5 [2U]) x 86.5 [2U]		
attery Mod	Met Weight (kgs)	5.6	10.5	11		
ENVIRON						
Humidity / Altitude / Temperature		0~95% RH (Non-condensing) / 1500M / Operating: 0~50°C* & Storage: -15°C~60°C				
Noise Level		Less than 50dB @ 1 Meter				
STANDAR	RDS					
Quality		ISO	90001, ISO 14001, ISO 27001, ISO 45001, ISO 5000	1, BIS, RoHS		
Safety		IEC/EN62040-1; Conformity to IEC / EN				
EMC / Performance		IEC/EN62040-2; IEC/EN62040-3, Complying to CE				
MANAGEN			.,, 3			
	32 / USB / IoT	Sunno	rts Windows® 2000/2003/XP/Vista/2008, Windows	® 7/8/10, Linux and MAC . loT enable		

Power management from SNMP manager and web browser

Technical Specific ations of Battery Pack

MODEL	врмрі6N9	BPMPI12N9	BPMPI18N9	
Supported UPS	1kVA/2kVA/3kVA			
Battery Type	12V-7/9Ah			
Battery Number	6 numbers	12 numbers	18 numbers	
Battery Voltage	36/72VDC	36/72VDC	36/72VDC	
Dimension(DxWxH)	410x438x88 [2U]	630x438x133 [2U]	630x438x133 [3U]	
Net Weight (kgs)	22	41	65	





BPMPI18N9

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