

# MP Series

## 0.9PF 6-10kVA

MP9106S / MP9110S / MP9106 / MP9110H

### True Online Double Conversion UPS System

#### Main Features

- Online double conversion with DSP control
- N+ X parallel redundancy
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (settable)
- Battery Temperature Compensation
- High output power factor at 0.9PF
- Wide input voltage range: 120-276Vac
- Support generator input & Cold start
- Support economic (ECO) operation mode
- Self-testing when UPS startup
- Common Battery Bank

#### Reliable Protections

- Input low voltage protection
- Input over current
- Overload
- Short circuit protection
- PFC and Inverter over temperature protection
- Battery over charge and low voltage alarm

#### Application

- Industry equipment, IT equipment
- Servers, Computer Rooms
- Communication system and other networking equipment
- Precise Equipment



1. RS232 Port
2. Input Switch
3. Parallel Slot
4. Maintenance Switch
5. Fan
6. EPO Function
7. Active Wheel
8. Intelligent Slot
9. USB Port

Rear Panel (6-10K, 1:1)

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Double Conversion  
UPS System



### Specifications

Model	MP9106S	MP9106H	MP9110S	MP9110H
Capacity (VA/W)	6k/5.4k	6k/5.4k	10k/9k	10k/9k
<b>Input</b>				
Phase	1:1			
Rated Voltage	220/230/240Vac			
Voltage Range	120-276Vac			
Frequency Range	50Hz: 45-55Hz; 60Hz: 54-66Hz (auto sensing)			
Power Factor	≥0.99			
Current THDi	<3% (100% linear load)			
Bypass Voltage	Max. Voltage: 220V +25% (optional +10%, +15%, +20%) 230V: +20% (optional +10%, +15%) 240V: +15% (optional +10%)			
Range	Min. voltage: -45% (optional -20%, -30%)			
Bypass freq. range	Frequency protection range: ±10%			
ECO Range	Same as the bypass			
Generator Input	Support			
<b>Output</b>				
Rated Voltage	220/230/240Vac			
Power Factor	0.9			
Voltage Regulation	±1%			
Frequency	Utility Mode: ±1%/ ±2%/ ±4%/ ±5%/ ±10% of the rated frequency (Optional) Battery Mode: 50/60Hz (±0.1) Hz			
Crest Factor	3:1			
THD	≤2% with linear load ≤5% with non linear load			
Waveform	>93%			
<b>Battery</b>				
Battery Voltage	±120V		±96/108/120Vdc (Optional)	
Capacity (Standard Unit)	8.2AH/12V*20PCS		/	
Typical recharging time	6-8 hour (to 90% of full capacity)			
Charging current	1A		1-10A settable according to battery installed	