The Memopower Plus Parallel Redundancy on-line series, featured with N+X parallel redundancy, DSP-controlled technology, high input & output power factors, superior input voltage window for energy saving, estimated remaining time, ECO mode, is an ideal solution to your server, bank, industrial equipment, IT equipment, communication system or other networking equipment, which is demanding for a thorough protection.

**Features**

- N+X Parallel Redundancy
- Online Double Conversion with DSP Control
- Graphic LCD Display with Multifunction Parameter Settings
- Unity Input Power Factor with Low Input Current Distortion
- Low Input Current Distortion
- Green Concept design with Superior Input Voltage Window for Energy Saving
- Support Generator Input
- Estimated Remaining Time displayed on the LCD.
- Support Economic(ECO) Operation Mode

- Settable Battery Voltage
- Automatic Battery Test Available
- Load -controlled fan
- Matching Battery Pack with Powerful Charger Built-in
- Common Battery When UPS in Parallel Mode
- Versatile Communication Interfaces Available
- Cold Start
- Communication Software
- Optional Centralized monitor function
- Settable Charge Current
Memopower Plus Parallel Redundancy Online Tower UPS Series

<table>
<thead>
<tr>
<th>Model</th>
<th>MP9106</th>
<th>MP9110</th>
</tr>
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<tbody>
<tr>
<td>Capacity (VA/W)</td>
<td>6KVA/4.8KW</td>
<td>10KVA/8KW</td>
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**Input**
- **Phase**: Single phase & Ground
- **Rated Voltage**: 220/230/240VAC
- **Voltage Range**: 120VAC-270VAC
- **Frequency Range**: 45Hz-70Hz
- **Power Factor**: ≥0.99
- **Current THDI**: ≤5% (100% nonlinear load)
- **Bypass Voltage Range**: Max. voltage: +15% (optional +5%, +10%, +25%)
  Min. voltage: -45% (optional -20%, -30%)
- **Frequency protection range**: ±10%
- **ECO Range**: same as the bypass
- **Generator Input**: Support
- **Phase**: Single phase & Ground
- **Rated Voltage**: 220/230/240VAC
- **Power Factor**: 0.8
- **Voltage Regulation**: ±2%
- **Frequency**: Utility Mode (±1%); Battery Mode (±1%, ±2%, ±4%, ±5%, ±10% of the rated frequency (optional))
- **Crest Factor**: 3:1
- **THD**: ≤2% with linear load ≤5% with non linear load
- **Waveform**: Pure Sine Wave

**Output**
- **AC Mode**: ECO mode 97%; Normal mode 82%
- **Protection**: Utility to Battery: 1s; Utility to bypass: 9s
- **Transfer Time**: Load 75% to 50 minutes; Load 100% to 15 minutes
- **Overload**: 40A (Input Breaker), 60A (Input Breaker)
- **Bypass Mode**: Hold Whole System
- **Short Circuit**: Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately
- **Overheat**: Alarm and Switch off
- **Battery Low**: Upon Power On and Software Control
- **Self-diagnostics**: Shut down UPS immediately
- **EPO (Optional)**
- **Battery**: Advanced Battery Management
- **Noise Suppression**: Complies with EN62040-2

**Display**
- **Audible & Visual**
- **Status LED & LCD**: Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Overload & UPS Fault
- **Reading On the LCD**: Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time

**Physical**
- **Dimension (WxHxD)/mm**: 220 x 438 x 481
- **Weight (Kg)**: 18
- **Input Connection**: Hardwire
- **Output Connection**: Hardwire
- **USB & RS485 (standard), optional for SNMP card, Parallel card, Centralized monitoring card & dry contact card**

**Environment**
- **Operating Temperature**: 0°C–40°C
- **Storage Temperature**: -25°C–65°C
- **Humidity**: 0–95% non condensing
- **Altitude**: <1500m
- **Noise**: ≤85dB (at 1 meter)

**Safety Conformance**
- **CE, EN/IEC 62040-2, EN/IEC 62040-1-1**