The Memopower RT Plus Parallel Redundancy on-line series, featured with rack/tower convertible, N+1 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 and other networking equipment, which is demanding for a thorough protection.

Features
- Rack/Tower Convertible
- Flexible System Configuration
- Graphic LCD Display with Multifunction Parameter Settings
- Hot Swappable Battery
- N+1 Parallel Redundancy
- Online Double Conversion with DSP Control
- High Output Power Factor at 0.9PF
- 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
- Fan Speed Control
- 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 RT Plus Parallel Redundancy Online Convertible UPS Series
MP9306-RT | MP9310-RT
### Memopower RT Plus Parallel Redundancy Online Convertible UPS Series

<table>
<thead>
<tr>
<th></th>
<th>MP8005-RT</th>
<th>MP8015-RT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity (VA/W)</strong></td>
<td>680VA/5.4KW</td>
<td>1360VA/9KW</td>
</tr>
</tbody>
</table>

#### Input
- **Phase**: Single phase + Ground or Three phase + Ground
- **Rated Voltage**: 230/400/415Vac or 220/250/240Vac
- **Frequency Range**: 40Hz-70Hz
- **Power Factor**: >0.9
- **Current THD**: ≤ 5% (13% non-linear load)
- **Bypass Voltage Range**: Max voltage: ±12% (optional: ±5%, ±10%, ±15%)
- **Min voltage**: ±4% (optional: ±2%, ±3%)
- **Frequency protection range**: ±5%
- **ECO Range**: same as the bypass
- **Generator Input**: Support
- **Rated Voltage**: 220/230/240Vac
- **Power Factor**: 0.9
- **Voltage Regulation**: ±2%
- **Frequency**: ±1%, ±2%, ±4%, ±5%, ±5% of the rated frequency (optional)
- **Battery Mode**: 50/60Hz ±1 Hz
- **Crest Factor**: 3:1
- **THD**: ≤ 2% with linear load
- **Waveform**: Pure Sine Wave

#### Efficiency
- **Voltage**: ECO mode: 99%; Normal mode: 98%
- **Backup Time**: Full load: 2min (Standard), long time unit depends on the capacity of external batteries
- **Recharge time**: 8 hours (Standard)
- **Charging Current**: Maximum Current 6A, charging current can be set according to battery capacity installed
- **Battery Socket**: Anderson PowerPole Modular Connectors
- **Transfer Time**: Utility to Battery, Utility to bypass. On Load

#### Transfer Time
- **AC Mode**: Load: ±150% last 3min. ±125% last 60min. ±100% last 15min. ±15%. ±15% shut down UPS immediately
- **Bat. Mode**: Load: ±100% last 30min. ±125% last 15min. ±15%. ±15% shut down UPS immediately
- **Bypass Mode**: 40A (Input Breaker) 60A (Input Breaker)

#### Protection
- **Short Circuit**: Hold Whole System
- **Overheat**: Line Mode: Switch to Bypass, Battery Mode: Shut down UPS immediately
- **Battery Low**: Alarm and switch off
- **Self-diagnostic**: Upon Power On and Software Control
- **EPO (optional)**: Shut down UPS immediately
- **Battery**: Advanced Battery Management
- **Noise Suppression**: Complies with EN55022 Class B

#### Alarms
- **Audible & Visual**: Line Failure, Battery Low, Overload, System Fault
- **Status LED & LCD**: Line Mode, Backup Mode, ECO Mode, Battery Mode, Battery Low, Battery Fault, 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
- **Weight (Kg)**: 23, 25
- **Input Connection**: Connection Hardware
- **Output Connection**: Hardware
- **External Battery Connection**: Anderson PowerPole Modular Connectors

#### Communication Interface
- **USB/RS232**
- **RS485, SNMPCard (optional)**
- **Parallel card (optional)**
- **Centralized monitoring card**

#### Environment
- **Operating Temperature**: 0°C ~ 40°C
- **Storage Temperature**: -25°C ~ 55°C
- **Humidity**: 0 ~ 95% non-condensing
- **Altitude**: < 1000m
- **Noise**: <55dB(A) at 1 meter

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

#### BATTERY BANK
<table>
<thead>
<tr>
<th></th>
<th>MP-B120007</th>
<th>MP-B120009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bar Type</strong></td>
<td>7AH</td>
<td>9AH</td>
</tr>
<tr>
<td><strong>Max Quantity</strong></td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Unit Dimensions Width (mm)</strong></td>
<td>443×133×385</td>
<td>443×133×385</td>
</tr>
<tr>
<td><strong>Weight (Kg)</strong></td>
<td>3J</td>
<td>64</td>
</tr>
</tbody>
</table>

Specifications subject to change without prior notice.

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**KSTAR**

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