The MP RTII double conversion true on line short version series, featured with 3-level charging method, high input & output power factors, up to 90% conversion efficiency, superior input voltage window for energy saving, estimated remaining time, ECO mode, is an ideal solution to your computer center, network center, communication system, automatic control system or other critical systems, which is demanding for a thorough protection.

Features

- Rack/Tower Convertible Design
- Patented Mimic LCD Display May be Rotated by Simply Pushing Front Button
- True Online Double Conversion
- High Output Power Factor at 0.9PF
- Charger/Fan Status on the LCD Display
- Green Concept Design with Superior Input Voltage Window for Energy Saving
- Hot-Swappable Battery
- 3-level Intelligent Charging Method

- Efficiency up to 90%
- Support Economic(ECO) Operation Mode
- Matching Battery Pack
- Optional Powerful Charger
- Cold Start
- Power Shedding May Turn Off Uncritical Load in Battery Backup
- Emergency Power Off
- Frequency Converter Mode Is Settable

Memopower Plus II convertible Double conversion true on-line short version series

MP RTII 1K | MP RTII 2K | MP RTII 3K
### MP RTII double conversion true on-line short version series

<table>
<thead>
<tr>
<th>Model</th>
<th>MP RTII 1K (short version)</th>
<th>MP RTII 2K (short version)</th>
<th>MP RTII 3K (short version)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (VA/W)</td>
<td>1000VA/1000W</td>
<td>2000VA/1800W</td>
<td>3000VA/2700W</td>
</tr>
</tbody>
</table>

#### Input
- **Phase**: Single phase & Ground
- **Rated Voltage**: 200/208/220/230/240VAC
- **Voltage Range**: 110-290V
- **Frequency Range**: 45Hz-65Hz (auto-detect)
- **Power Factor**: >0.98
- **Current THD**: <7% at 100% non-linear load
- **Bypass Voltage Range**: Max. voltage: +15% optional: +5%, +10%, +25% Min. voltage: -15% optional: -20%, -30%
- **Frequency Protection Range**: ±10%
- **ECO Range**: Same as the bypass
- **Generator Input**: Support
- **Phase**: Single phase & Ground
- **Rated Voltage**: 200/208/220/230/240VAC
- **Power Factor**: 0.9
- **Voltage Regulation**: ±2%
- **Frequency**: 50Hz or 60Hz (Synchronized to Mains)
- **Battery Mode**: 30/60/90/120/240
- **Thd**: <3% with linear load
- **Waveform**: Pure SineWave
- **AC Mode/full load**: up to 90%
- **Battery Mode/full load**: >85%
- **Eco Mode/full load**: >94%

#### Battery
- **Voltage**: 56Vdc, 72Vdc
- **Capacity/Standard unit**: 120V/14AH
- **Backup Time**: Full load: 3–5 minutes; Estimated remaining time displayed on the LCD
- **Recharge time to 90%**: 5 hours
- **Charging Current**: 1.2A
- **Battery Socket**: Anderson Bie Power Pole Modular Connectors

#### Transfer Time
- **AC Mode**: Load <100% = 150%: Load > 150%: 30ms then shut down UPS completely
- **Batt Mode**: Load <100% = 150%: Load > 150%: 30ms then shut down UPS completely
- **Bypass Mode**: Load > 130%: 605 then shut down output
- **Short Circuit**: Hold Whole System
- **Overheat**: Line Mode: Switch to Bypass Battery Mode: shut down UPS immediately
- **Battery Low**: Alarm and Switch off
- **Self-diagnostics**: Upon Power On and Software Control
- **EPO**: Shut down UPS immediately
- **Battery**: Advanced Battery Management
- **Noise Suppression**: Comply with EN60950-2
- **Display**: Audible & Visual Line Failure, Battery Low, Overload, System Fault
- **Status LED & LCD**: Load/Battery/Input/Output/Operating Mode Information
- **Reading On the LCD**: Load/Battery/Input/Output/Operating Mode Information
- **Dimension(Wide*Deep)**: 440*99.5*5430
- **Weight (Kg)**: 15.5
- **Input Connection**: IEC320 C14-10A
- **Output Connection**: IEC320 C13-10A x 6 & C19-16A x 1
- **External Battery Connection**: Anderson Bie Power Pole Modular Connectors

#### Communication Interface
- **Smart RS232/USB Port**: Supports Windows Family, Linux, FreeBSD, etc.
- **Communication Slot**: SNMP Card, Dry Contact Card, etc. (Independent to RS232)
- **RAW**: Built-in Power Surge Lightning Protection Device
- **Operating Temperature**: 0°C ~ 40°C
- **Storage Temperature**: -25°C ~ +55°C
- **Humidity**: 0% ~ 90% non-condensing
- **Altitude**: < 1500m (denoting while > 1500m)
- **Noise**: <550Bart 1 meter)

#### Safety Conformance
- **CE**:

#### BATTERY BANK

<table>
<thead>
<tr>
<th>Model</th>
<th>RTII-8900000</th>
<th>RTII-8900000*2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bat Type</strong></td>
<td>9AH</td>
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<tr>
<td><strong>Bat DC Voltage</strong>:</td>
<td>36Vdc</td>
<td>72Vdc</td>
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<tr>
<td><strong>Max Quantity</strong>:</td>
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<tr>
<td><strong>Max. Change Current</strong>:</td>
<td>2A</td>
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<tr>
<td><strong>Physical</strong>:</td>
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<td>440<em>99.5</em>5430</td>
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<tr>
<td><strong>Weight (Kg)</strong>:</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>

* 110-160V at < 30%; 180-200V at < 80% load; 200-290V at 100% load.

Specifications subject to change without prior notice.