The Memopower UDE 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
- Built-in Power Charger
- Unity Input Power Factor with Low Input Current Distortion
- 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 (Optional)
- Support Economic(ECO) Operation Mode

- Settable Battery Voltage
- Automatic Battery Test Settable from LCD on request
- 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
- Frequency Converter Mode(Optional)
- Settable Charge Current
- De-rating Operation Available

Memopower UDE Parallel Redundancy Online Tower UPS Series

UDE9106S | UDE9106H | UDE9110H
## Memopower UDE Parallel Redundancy Online Tower UPS Series

<table>
<thead>
<tr>
<th>Model</th>
<th>UDE 9106S</th>
<th>UDE 9106H</th>
<th>UDE 9110H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (VA/W)</td>
<td>6kVA/5.4kW</td>
<td>10kVA/8.8kW</td>
<td></td>
</tr>
</tbody>
</table>

### Input
- **Phase**: Single phase & Ground
- **Rated Voltage**: 120/127VAC
- **Voltage Range**: 72VAC-150VAC
- **Frequency Range**: 45-55Hz: 54-66Hz
- **Power Factor**: >0.99
- **Current THD**: <1% (10% nonlinear load)
- **Bypass Voltage Range**: Upper limit: 10% + 15% + 2% (default: 15%)
  Lower limit: 10% - 20% - 3% (default: 20%)
- **ECO Range**: Same as the bypass
- **Generator Input**: Support
- **Phase**: Single phase & Ground
- **Rated Voltage**: 120/127Vac can be setted
- **Power Factor**: 0.9
- **Voltage Regulation**: ±2%
- **Frequency**: Utility Mode: tracking mains frequency
  Battery Mode: 50/60Hz
- **Crest Factor**: 3:1
- **THD**: <2% with linear load
  <5.3% with non-linear load
- **Waveform**: Pure Sinewave

### Efficiency
- >90%

### Battery
- **Voltage**: Standard: 192V/AC; Optional Voltage: 216/240V/AC
- **Capacity**: 12V/4AH
- **Backup Time**: Full load: >4min (Standard), Long time unit depends on the capacity of external batteries
- **Recharge time to 90%**: 8~10 hours (Standard)
- **Charging Current**: 1A
- **Transfer Time**: Utility to Battery: 0ms; Utility to bypass: 0ms

### Protection
- **AC Mode**: Load: 105~110% last 1 hour · ≤110~125% last 10min · ≤125~150% last 1min · ≤150% switch to bypass immediately
  - Load killed: 105~110% last 1 hour · ≤110~125% last 10min · ≤125~150% last 1min · ≥150% switch to bypass immediately
- **Battery Mode**: 40A (input Breaker) 60A (input Breaker)
- **Short Circuit**: Hold Whole System
- **Overheat**: Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately
- **Battery Low**: Alarm and Switch off
- **Self-Diagnostics**: Upon Power On and Software Control
- **IP20 (optional)**: Shut down UPS immediately
- **Battery Management**: Advanced Battery Management
- **Noise Suppression**: Complies with EN62040-2

### Alarms & Visual
- **Audible & Visual**: Line Failure, Battery Low, Overload, System Fault
- **Status LED & LCD**: Line Mode, Backup Mode, Eco Mode, Battery Mode, Battery Low, Battery End, 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
- **Dimensions (WxHxD) (mm)**: 210x616x502
- **Weight (kg)**: 70
- **Input Connection**: Hardware
- **Output Connection**: Hardware
- **Communication Interface**: CCM/RS232, USB, SNMP card (optional); Parallel card (optional)

### Operating Environment
- **Temperature**: 0°C ~ 40°C
- **Humidity**: 0~95% non-condensing
- **Altitude**: <1500m (when >1500m, lower the rated power for use)
- **Noise**: <58dB (at 1 meter)

### Safety Conformance
- CE, EN62040-2, EN62040-1-1

### BATTERY BANK
<table>
<thead>
<tr>
<th>Model</th>
<th>UDE-BT40007</th>
<th>UDE-BT40009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bat Type</strong>: 7AH</td>
<td>9AH</td>
<td></td>
</tr>
<tr>
<td><strong>Max. Quantity</strong>:</td>
<td>40 pcs</td>
<td></td>
</tr>
<tr>
<td><strong>Unit Dimensions (WxHxD) (mm)</strong>:</td>
<td>250x616x502</td>
<td></td>
</tr>
<tr>
<td><strong>Weight (kg)</strong>:</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

Specifications subject to change without prior notice.