MEMOPOWER
1-3KVA
1:1Phase

Output power factor: 0.7

Application:
Computer center, network center, communication system, automatic control system or other critical systems.

Features:
1. Online-Double conversion (PFC)
2. Full digital control (DSP)
3. Economic Operation mode (ECO)
4. Wide input-voltage range
5. Self-testing when UPS startup
6. Cold Start (DC)
7. Multifunctional protection
8. Output bypass settable
9. Input neutral and live wires reverse detection
10. Charger extendible
11. USB port (optional), USB is of automatic priority when USB & RS232 work together.

Intelligent slot optional
- USB
- SNMP
- Dry contact Board

Optimized battery configuration
1K–24V, 2K–48V, 3K–72V
<table>
<thead>
<tr>
<th>Model</th>
<th>YDC9101E-S</th>
<th>YDC9101E-H</th>
<th>YDC9102E-S</th>
<th>YDC9102E-H</th>
<th>YDC9103E-S</th>
<th>YDC9103E-H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity(VA)</td>
<td>1000VA/700W</td>
<td>2000VA/1400W</td>
<td>3000VA/2100W</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Input**

- Phase: Single phase & Ground
- Rated Voltage: 220VAC
- Voltage Range: 115VAC-295VAC
- Frequency Range: 45-55Hz±0.5Hz or 55-65Hz±0.5Hz auto sensing
- Power factor: ≥0.98
- Bypass voltage: 186VAC-252VAC
- Current harmonic: ≤7%(100% non-linear load)

**Output**

- Phase: Single phase & Ground
- Power Factor: 0.7
- Voltage precision: ±2%

**Output Frequency**

- Utility Mode: Follow utility
- Battery Mode: (50/60±0.2%) Hz

**Output Crest Factor**

- 3:1

**Output Transfer Time**

- (Utility→Battery) = 0ms
- (Utility→Bypass) < 4ms

**Overload Capacity**

- Battery Mode: 108%±5%<Load<150%±5% exceed 30s, cut off and alarm
  150%±5%<Load<200%±5% exceed 300ms, cut off and alarm
- Utility Mode: 108%±5%<Load<150%±5% exceed 30s transfer to bypass and alarm,
  150%±5%<Load<200%±5% exceed 300ms transfer to bypass and alarm

**Efficiency**

- Utility mode: 86%
- Battery Mode: 84%

**THD**

- ≤3% (100% linear load)
- ≤5% (100% non-linear load)

**Battery**

- Voltage: 24VDC
- Battery configuration: 2x12V/7AH
- Type: 12V/7AH (Standard)
- Backup Time: 50% load≥5min (Standard), long time unit depends on the capacity of external battery.
- Charge Current(A): 1A

**Communication Interface**

- Rs232, optional (USB port, USB card, SNMP card, Dry contact card)

**Operating Environment**

- Temperature: 0°C ~ 40°C
- Humidity: 0 ~ 95% (Non-condensing)
- Storage temperature: -25°C ~ 55°C
- Altitude: <1500m

**Others**

- Unit Dimensions(W×D×H)(mm): 144x361x215
- Weight (Kg): 10.2/11

**Industry Standard**

- YD/T 1095-2000