The Megapower YDC3300A transformer-less parallel redundancy online UPS series, featured with smallest footprint cabinet, 3-level inverter technology, output power factor 0.9, commin battery, wide range programmable battery voltage, 3-level smart charging method, is an ideal budget-concerned solution to your server, bank, industrial equipment, internet data center, telecom, IT equipment and other mission-critical application.

Features
- Dual Input
- 3-level Intelligent Charge Modes with Smart Charge Current Adjustment
- Versatile Communication Interfaces Provided for different applications
- Programmable Control and Monitoring Software via RS232 port
- Emergency Power Off
- DC Start

Megapower YDC3300A-E
Transformer-Less Parallel Redundancy Online UPS series
YDC3300AH-E | YDC3350AH-E | YDC3360AH-E | YDC3380AH-E | YDC33100AH-E

KSTAR New Energy Co., Ltd.
Unit 8, 4F, No. 69, Beixin Rd, Sec. 1, Xindian Dist, New Taipei City, Taiwan 23147
TEL +886-2-8911-6601  FAX +886-2-8911-6586  www.kstarnewenergy.com  sales@kstarnewenergy.com
KSTAR

Katar New Energy Co., Ltd. Unit B, 4F, No. 69, Bei Xin Rd. Sec. 1, Xindian Dist., New Taipei City, Taiwan 23147
TEL +886-2-8911-6001 FAX +886-2-8911-6556 www.katarnenergy.com sales@katarnenergy.com

YDC3300A-E 208Vac series Technical Specifications:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity (KVA/Watts)</td>
<td>30K / 27K</td>
<td>50K / 45K</td>
<td>60K / 54K</td>
<td>80K / 72K</td>
<td>100K / 90K</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal voltage</td>
<td>208/120V or 220/120V, 50/60Hz, 3-Phase, 4-Wire Plus Ground</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating voltage range</td>
<td>+20%, -20% or +30% or 10% - 150% Full Load</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input voltage range</td>
<td>-40% to +30% (10% to 150% of full load)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating frequency range</td>
<td>400Hz-70Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power factor</td>
<td>0.90-0.95</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harmonic distortion (THD%)</td>
<td>1%(50Hertz-Linear load)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bypass voltage range</td>
<td>Min voltage: 120% + 15% (optional) +10% + 15%</td>
<td>120% + 20% (optional) +10%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generator Input</td>
<td>Support</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Output voltage</td>
<td>208/220Vdc (5%+/-5%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage regulation</td>
<td>±1%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power factor</td>
<td>0.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Output frequency</td>
<td>Line Mode: synchronous with input; when input frequency &gt; 10% (11% to 24%) or 15% (optional), Battery Mode (50/60)1.15X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crest factor</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harmonic distortion (THD%)</td>
<td>-3% with linear load</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Efficiency</td>
<td>95%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SYSTEM FEATURES**

Transfer time | Utility to Battery: 2s; Utility to bypass: 5s

**Overload**

Line Mode | 110% for 30min, 130% for 1min, then transfer to bypass

**Bypass Mode**

Breaker 15A, 30A, 60A, 100A, 150A, 200A, 300A, 400A, 500A, 600A

Alarm | overload, utility abnormal, UPS fault, battery low, etc.

Protection | short circuit, overload, over temperature, over voltage, over frequency alarm.

Communication | USB, RS485, Parallel port, Coulter dry contact, Intelligent slot, SNMP card (optional), Relay card (optional)

**ENVIRONMENTAL**

Operating temperature | 0°C to 40°C

Storage temperature | -25°C to 55°C (no battery)

Humidity range | 0% to 95% (non-condensing)

Altitude | < 1500m; Re-elevating when >1500m

**Rack Mount**

Dimension (WxHxD) (mm) | 360x688x628 442x1100x650 442x1100x650 442x1200x650 442x1200x650

Net weight (kg) | 73 82 160 160 190

**STANDARDS**

Safety | IEC62040-1, IEC62040-3

EMC | IEC/EN61000-4-2, IEC/EN61000-4-3, IEC/EN61000-4-1, IEC/EN61000-4-5, IEC/EN61000-4-8, IEC61000-4-8

The Megapower YDC3300A transformer-less parallel redundancy online UPS series, featured with smallest footprint cabinet, 3-level inverter technology, output power factor 0.9,comic battery, wide range programable battery voltage, 3-level smart charging method, is an ideal budget-concerned solution to your server, bank, industrial equipment, internet data center, telecom, IT equipment and other mission-critical application.

**Features**

- Smallest Footprint Design
- 3-level inverter-controlled technology
- Output Power Factor at 0.9
- Unity Power Factor and Low Input Distortion
- ECO Mode for energy saving
- Common Battery
- Programmable battery voltage from +/-156Vdc to +/-156Vdc
- Superior Overload Capability

MegaPower YDC3300A-E Transformer-Less Parallel Redundancy Online UPS series