The CRT300R is a compact, line interactive, pure sinewave UPS. It delivers 28% more useable power than other UPS systems in its class thanks to the up-rated 0.9 output power factor. The series also provides an overall AC efficiency of 97% whilst operating in its most resilient mode of protection.

The range only takes 2U of rack space when in rackmount form and includes batteries for standard runtime.

Encompassing all the key features of a smart, line interactive, single phase UPS solution, the CRT300R is affordable, reliable and flexible. Its rack mountable and floor standing tower ergonomics give the CRT300R maximum installation flexibility.
<table>
<thead>
<tr>
<th>MODELS</th>
<th>CRT300R-010-B</th>
<th>CRT300R-015-B</th>
<th>CRT300R-020-B</th>
<th>CRT300R-030-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (VA) max</td>
<td>1000</td>
<td>1500</td>
<td>2000</td>
<td>3000</td>
</tr>
<tr>
<td>Power (W) max</td>
<td>900</td>
<td>1350</td>
<td>1800</td>
<td>2700</td>
</tr>
</tbody>
</table>

**INPUT**

- **Cold Start**: Yes, default frequency = 50Hz
- **Input Voltage Window**: 176VAC-288VAC
- **Phase**: Single phase with ground
- **Transfer Voltage Range**: 220/230/240VAC
- **Input Frequency Range**: 45-55Hz / 55-65Hz (±0.1Hz)

**OUTPUT**

- **Power Factor**: 0.9
- **Waveform**: Pure Sinewave
- **Nominal voltage**: 220VAC/230VAC/240VAC
- **Voltage distortion (typical)**: <3% THD, linear load, <6% THD, non-linear load

**OUTPUT FREQUENCY**

- **Synchronisation range**: 45-55Hz / 55-65Hz
- **Battery mode**: 50/60±0.1Hz

**TRANSFER TIME**

- **Line mode to battery mode (Normal mode)**: 2 ~ 6ms
- **Line mode to battery mode (Generator mode)**: 13ms (max.)

**FULL LOAD EFFICIENCY**

- **Normal Line mode with battery fully charged**: >97%
- **Buck mode with battery fully charged**: >95%
- **Boost mode with battery fully charged**: >92%
- **Battery mode 12Vdc/Battery**: >82%

**BATTERY**

- **DC Voltage**: 36VDC, 72VDC
- **Back-up Time (full load)**: 4.5 minutes, 3 minutes, 4.5 minutes, 3 minutes
- **Charging current (max)**: 1.5A
- **Charging time**: 3h charge to 90%

**MECHANICAL**

- **Dimensions W x D x H (mm)**: 438 x 430 x 86.5 (2U), 438 x 600 x 86.5 (2U)
- **Weight (Kg)**: 18, 20, 28, 32
- **AC Outlets**: 8 x IEC C13, 8 x IEC C13 + 1 x IEC C19

Full technical specification and product information can be found at www.EcoPowerSupplies.com