**1000W 1U Rack Power System**

- Universal AC input / Full range
- Built-in 5V/0.3A standby power
- Built-in active PFC function, PF>0.96
- Protections: Short circuit / Overload
  - Over voltage / Over temp.
- Forced air cooling by built-in DC fan
- High power density 10.7W/in³
- 1U low profile
- Output voltage can be trimmed between 90 ~ 110% of the rated output voltage
- Active current sharing up to 3000W (3 units) in one 19" rack, 3 racks max. can be operated in parallel (up to 8 units)
- Remote control for single unit
- Built-in remote sense function
- Hot-swap operation
- Internal oring diode
- AC OK and DC OK signal output
- Optional I²C serial data bus
- 3 years warranty

**RCP-1000**

CASE: 952A
295x 127x 41 mm

**RCP-1U**

CASE: 959A
350.8x 483.6x 44 mm

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AC input voltage range: 90~264VAC
DC adjustment range: ±3% rated output voltage
Overload protection: 105%~125% constant current limiting, auto-recovery
Over voltage protection: 110%~135% rated output voltage
Setup, rise, hold up time: 1000ms, 60ms, 16ms at full load and 230VAC
Withstand voltage: I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1 minute
Working temperature: -20~50°C@100%, 60°C@60%
Safety standards: UL60950-1, TUV EN60950-1 approved
EMC standards: EN55022 Class B, EN61243-3, EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2 heavy industry level
Packing: 1.91kg (single unit); 11kg (rack with 3 units)

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<tbody>
<tr>
<td>RCP-1000-12</td>
<td>12V, 0~60A</td>
<td>±1%</td>
<td>150mV</td>
<td>81%</td>
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<tr>
<td>RCP-1000-24</td>
<td>24V, 0~40A</td>
<td>±1%</td>
<td>200mV</td>
<td>87%</td>
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<tr>
<td>RCP-1000-48</td>
<td>48V, 0~21A</td>
<td>±1%</td>
<td>300mV</td>
<td>89%</td>
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<tr>
<td>RCP-1U</td>
<td>19” 1U rack for RCP-1000 series</td>
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□: I: AC inlet; T: terminal block