## 2000W 1U Rack Power System

- Universal AC input / Full range
- Built-in 5V/0.3A, 12V/0.8A auxiliary power
- Built-in active PFC function, PF>0.98
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- High power density 21.4W/in³
- 1U low profile
- Active current sharing up to 6000W (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
- PMBus serial communication
- AC OK and DC OK signal, fan fail OTP alarm signal
- 3 years warranty

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### AC input voltage range
90~264VAC

### DC adjustment range
-12%~+15% rated output voltage

### Overload protection
105%~125% constant current limiting, auto-recovery

### Over voltage protection
120%~140% rated output voltage

### Setup, rise, hold up time
1500ms, 60ms, 16ms at full load and 230VAC

### Withstand voltage
I/P-O/P:3kVAC, I/P-FG:1.5kVAC, 1 minute

### Working temperature
-25~+70°C(refer to output derating curve)

### Safety standards
Design refer to UL60950-1, TUV EN60950-1

### EMC standards
EN55022 Class B, EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2 heavy industry level

### Model No. | Output | Tol. | R&N | Effi.
---|---|---|---|---
RCP-2000-12 | 12V, 0~100A | ±1% | 150mV | 86.0%
RCP-2000-24 | 24V, 0~80A | ±1% | 200mV | 90.5%
RCP-2000-48 | 48V, 0~42A | ±1% | 300mV | 92.0%