

# 480W Single Output with PFC Function



**CBCE**



CASE: 929

278x 127x 43 mm

- Universal AC input / Full range
- Thin profile: 43mm thickness
- Protections: Short circuit / Overload / Over voltage / Over temp.
- High power density 5.18W/in<sup>3</sup>
- PF>0.98@115VAC; >0.95@230VAC
- Built-in remote sense
- Built-in remote ON/OFF control
- Forced air cooling by built-in DC fan
- 3 years warranty

AC input voltage range .... 85~264VAC; 120~370VDC

AC inrush current ..... Cold start, 40A at 230VAC

DC adjustment range .....  $\pm 10\%$  rated output voltage

Setup, rise, hold up time... 1000ms, 80ms, 18ms at full load and 230VAC

Overload protection ..... 105%~145% constant current limiting, auto-recovery

Over voltage protection .... 115%~140% rated output voltage

Withstand voltage ..... I/P-O/P:3KVAC, I/P-FG: 1.5KVAC, 1minute

Working temperature ..... -20~35°C@100%, 60°C@60% load (3.3V&5V)  
-20~55°C@100%, 60°C@80% load (others)

Safety standards ..... UL60950-1, TUV EN60950-1 approved

EMC standards ..... EN55022 class B, EN61000-3-2,3,  
EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2

Connection ..... 9P / 11mm pitch terminal block with cover

Packing ..... 1.7kg ; 6pcs / 11.3kg / 0.67CUFT

| Stock No. | Model No.  | Output      | Tol.        | R&N   | Effi. |
|-----------|------------|-------------|-------------|-------|-------|
| 10701     | SP-480-3.3 | 3.3V, 0~85A | $\pm 2.0\%$ | 80mV  | 73%   |
| 10702     | SP-480-5   | 5V, 0~85A   | $\pm 2.0\%$ | 80mV  | 79%   |
| 10703     | SP-480-12  | 12V, 0~43A  | $\pm 1.5\%$ | 120mV | 85%   |
| 10704     | SP-480-15  | 15V, 0~35A  | $\pm 1.5\%$ | 150mV | 85%   |
| 10705     | SP-480-24  | 24V, 0~22A  | $\pm 1.0\%$ | 150mV | 87%   |
| 10706     | SP-480-48  | 48V, 0~11A  | $\pm 1.0\%$ | 240mV | 89%   |