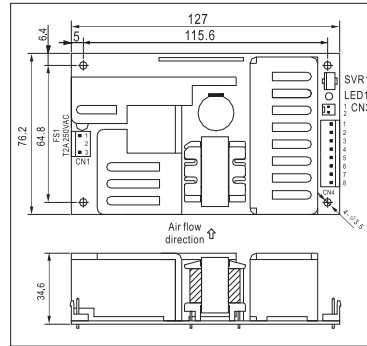


125W 1,3 Output with PFC Function

- Universal AC input/ Full range
- PF>0.98@115VAC, >0.93@230VAC
- High power density 6.117W/in³
- 3"x5" miniature size
- Protections: Short circuit / Overload / Over voltage
- Built-in remote sense for PPS-125
- LED indicator for power on
- Free air convection for 100W and 125W with 18 CFM forced air
- 100% full load burn-in test
- 3 years warranty



127x 76.2x 34.6 mm



AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 24A at 230VAC
 DC adjustment range CH1: $\pm 5\%$ rated output voltage
 Overload protection 130%~160% fold back current limiting, auto-recovery
 Over voltage protection CH1: 110%~135% rated output voltage
 Leakage current Less than 2.0 mA at 240VAC
 Setup, rise, hold up time 1000ms, 30ms, 24ms at full load and 230VAC
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -20°C~70°C (refer to output derating curve)
 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
 Connection 3+8P /3.96mm pitch, JST: B3P/B8P-VH (PPS-125)
 3+5Px2 /3.96mm pitch, JST: B3P/B5Px2-VH (PPT-125)
 Packing 0.37kg; 36pcs / 14.3kg / 0.79CUFT

✦ Single Output

| Model No. | Output | Tol. | R&N | Effi. |
|--------------|---------------|-----------|-------|-------|
| PPS-125-3.3 | 3.3V, 0~25A | $\pm 2\%$ | 100mV | 70% |
| PPS-125-5 | 5V, 0~25A | $\pm 2\%$ | 100mV | 79% |
| PPS-125-12 | 12V, 0~10.5A | $\pm 2\%$ | 100mV | 80% |
| PPS-125-13.5 | 13.5V, 0~9.3A | $\pm 2\%$ | 100mV | 80% |
| PPS-125-15 | 15V, 0~8.4A | $\pm 2\%$ | 100mV | 80% |
| PPS-125-24 | 24V, 0~5.2A | $\pm 1\%$ | 150mV | 83% |
| PPS-125-27 | 27V, 0~4.6A | $\pm 1\%$ | 150mV | 83% |
| PPS-125-48 | 48V, 0~2.6A | $\pm 1\%$ | 250mV | 84% |

✦ Triple Output

| Model No. | Output | Tol. | R&N | Effi. | Max |
|-----------|------------------|-----------|-------|-------|------|
| PPT-125A | 3.3V, 1.0~12.5A | $\pm 3\%$ | 100mV | 75% | 99W |
| | 5V, 0.8~10.0A | $\pm 5\%$ | 100mV | | |
| | 12V, 0.05~0.63A | $\pm 6\%$ | 120mV | | |
| PPT-125B | 5V, 1.0~14.38A | $\pm 3\%$ | 100mV | 78% | 124W |
| | 12V, 0.3~3.75A | $\pm 5\%$ | 120mV | | |
| | -12V, 0.05~0.63A | $\pm 6\%$ | 120mV | | |
| PPT-125C | 5V, 1.0~13.75A | $\pm 3\%$ | 100mV | 78% | 125W |
| | 15V, 0.25~3.13A | $\pm 5\%$ | 150mV | | |
| | -15V, 0.05~0.63A | $\pm 6\%$ | 150mV | | |
| PPT-125D | 5V, 1.0~8.75A | $\pm 3\%$ | 100mV | 78% | 126W |
| | 24V, 0.25~3.13A | $\pm 5\%$ | 240mV | | |
| | 12V, 0.05~0.63A | $\pm 6\%$ | 120mV | | |