

75W Single Output with PFC Function

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections: Short circuit / Overload / Over voltage
- No load power consumption <0.5W
- Cooling by free air convection
- LED indicator for power on
- **Optional case available**
- 3 years warranty

  **UL / CUL / TUV / CB / CE pending**

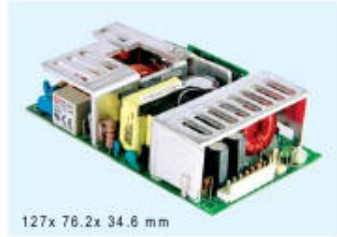


AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 60A at 230VAC
 DC adjustment range $\pm 10\%$ rated output voltage
 Overload protection 105%~135% hiccup mode, auto-recovery
 Over voltage protection 115%~135% rated output voltage
 Leakage current Less than 1mA at 240VAC
 Setup, rise, hold up time 1000ms, 20ms, 20ms at full load and 230VAC
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC
 Working temperature -30°C~+70°C (refer to output derating curve)
 Safety standards Design refer to UL60905-1, TUV EN60950-1
 EMC standards EN55022 class B, EN61000-3-2,-3,
 EN61000-4-2,3,4,5,6,8,11, ENV50204,
 Connection 3+6P / 3.96mm pitch, Molex 5273-03 / 5273-06

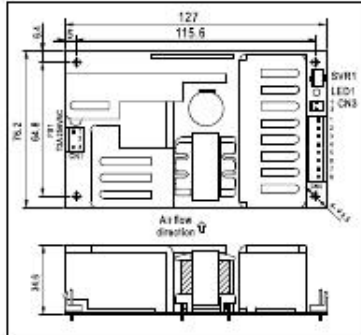
| Model No. | Output | Tol. | R&N | Effi. |
|------------|--------------|-----------|-------|-------|
| ELP-75-3.3 | 3.3V, 0~15A | $\pm 2\%$ | 80mV | 80% |
| ELP-75-5 | 5V, 0~15A | $\pm 2\%$ | 80mV | 82% |
| ELP-75-12 | 12V, 0~6.25A | $\pm 2\%$ | 120mV | 88% |
| ELP-75-15 | 15V, 0~5A | $\pm 2\%$ | 150mV | 88% |
| ELP-75-24 | 24V, 0~3.15A | $\pm 1\%$ | 240mV | 89% |
| ELP-75-36 | 36V, 0~2.1A | $\pm 1\%$ | 280mV | 89% |
| ELP-75-48 | 48V, 0~1.6A | $\pm 1\%$ | 300mV | 89% |

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 78.2x 34.6 mm



- AC input voltage range 90~264VAC; 127~370VDC
- AC inrush current Cold start, 24A at 230VAC
- DC adjustment range CH1: ±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 | ±2% | 100mV | 70% |
| PPS-125-5 | 5V, 0~25A | ±2% | 100mV | 79% |
| PPS-125-12 | 12V, 0~10.5A | ±2% | 100mV | 80% |
| PPS-125-13.5 | 13.5V, 0~9.3A | ±2% | 100mV | 80% |
| PPS-125-15 | 15V, 0~8.4A | ±2% | 100mV | 80% |
| PPS-125-24 | 24V, 0~5.2A | ±1% | 150mV | 83% |
| PPS-125-27 | 27V, 0~4.6A | ±1% | 150mV | 83% |
| PPS-125-48 | 48V, 0~2.6A | ±1% | 250mV | 84% |

Triple Output

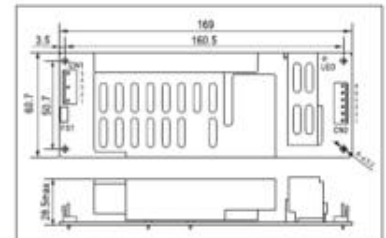
| Model No. | Output | Tol. | R&N | Effi. | Max |
|-----------|------------------|------|-------|-------|------|
| PPT-125A | 3.3V, 1.0~12.5A | ±3% | 100mV | 75% | 99W |
| | 5V, 0.8~10.0A | ±5% | 100mV | | |
| | 12V, 0.05~0.63A | ±6% | 120mV | | |
| PPT-125B | 5V, 1.0~14.38A | ±3% | 100mV | 78% | 124W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

150W Single Output with PFC Function

- Universal AC input / Full range
- PF>0.98@115VAC; >0.95@230VAC
- Protections: Short circuit / Over load / Over voltage / Over temp.
- Cooling by free air convection
- High power density 8.4W/in³
- No load power consumption<1W
- 100% full load burn-in test
- 3 years warranty



169x 60.7x 28.5 mm

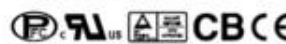


- AC input voltage range 90~264VAC; 127~370VDC
- DC adjustment range Can be modified between ±10% rated output voltage by factory
- Overload protection 105%~135% hiccup mode, auto-recovery
- Over voltage protection 110%~135% rated output voltage
- Withstand voltage I/P-O/P: 4.25kVDC, I/P-FG:1.5kVAC, 1minute
- Working temperature 0~40°C@100%, -20°C@80%, 60°C@60% load
- Safety standards UL60950-1 approved
- EMC standards EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204
- Connection 5+6P / 3.96mm pitch, JST P/N :B5P / B6P-VH
- Packing 0.32kg; 48pcs / 15.8kg / 0.79CUFT

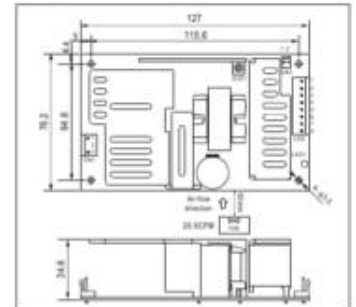
| Model No. | Output | Tol. | R&N | Effi. |
|------------|-------------|------|-------|-------|
| ASP-150-12 | 12V, 0~11A | ±2% | 150mV | 88% |
| ASP-150-15 | 15V, 0~9.5A | ±2% | 180mV | 88% |
| ASP-150-20 | 20V, 0~7.5A | ±1% | 200mV | 90% |
| ASP-150-24 | 24V, 0~6.3A | ±1% | 240mV | 90% |
| ASP-150-48 | 48V, 0~3.2A | ±1% | 240mV | 89% |

200W Single Output with PFC Function

- Universal AC input / Full range
- High efficiency up to 90%
- PF>0.98@115VAC; >0.94@230VAC
- Protections: Short circuit / Over load / Over voltage / Over temp.
- High power density 9.78W/inch³
- 5"x3" compact size
- ZVS technology to reduce power dissipation
- Built-in remote sense function
- Free air convection for 150W and 200W with 20.5 CFM forced air
- 3 years warranty



127x 76.2x 34.6 mm



- AC input voltage range 90~264VAC; 127~370VDC
- DC adjustment range ±10% rated output voltage
- Overload protection 105~135% hiccup mode, auto-recovery
- Over voltage protection 115%~135% rated output voltage
- 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
- Packing 0.37kg; 36pcs / 14.3kg / 0.79CUFT

| Model No. | Output | Tol. | R&N | Effi. |
|------------|---------------|------|-------|-------|
| PPS-200-5 | 5V, 0~36.0A | ±4% | 100mV | 86% |
| PPS-200-12 | 12V, 0~16.6A | ±3% | 100mV | 89% |
| PPS-200-15 | 15V, 0~13.3A | ±3% | 100mV | 89% |
| PPS-200-24 | 24V, 0~8.30A | ±2% | 150mV | 89% |
| PPS-200-27 | 27V, 0~7.40A | ±2% | 150mV | 89% |
| PPS-200-48 | 48V, 0~4.167A | ±2% | 250mV | 90% |