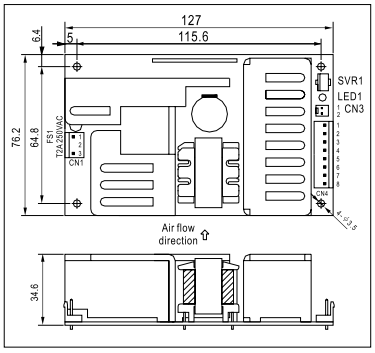
125W 1,3 Output with PFC Function

- 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



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 / 0.91CUFT

❖ Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12471	PPS-125-3.3	3.3V, 0~25A	±2%	100mV	70%
12472	PPS-125-5	5V, 0~25A	±2%	100mV	79%
12473	PPS-125-12	12V, 0~10.5A	±2%	100mV	80%
12474	PPS-125-13.5	13.5V, 0~9.3A	±2%	100mV	80%
12475	PPS-125-15	15V, 0~8.4A	±2%	100mV	80%
12476	PPS-125-24	24V, 0~5.2A	±1%	150mV	83%
12477	PPS-125-27	27V, 0~4.6A	±1%	150mV	83%
12478	PPS-125-48	48V, 0~2.6A	±1%	250mV	84%

❖ Triple Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max
12481	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		
12482	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		
12483	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		
12484	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		