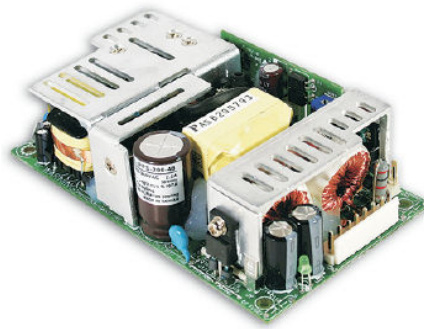


- Universal Input with PFC
- High Efficiency/High Reliability
- 100% Full Load Burn In
- Full International Approvals
- Industry Standard 5" x 3" Footprint
- Built In Remote Sense
- 150W Convection Cooled Rating
- 3 Year Warranty



Specification

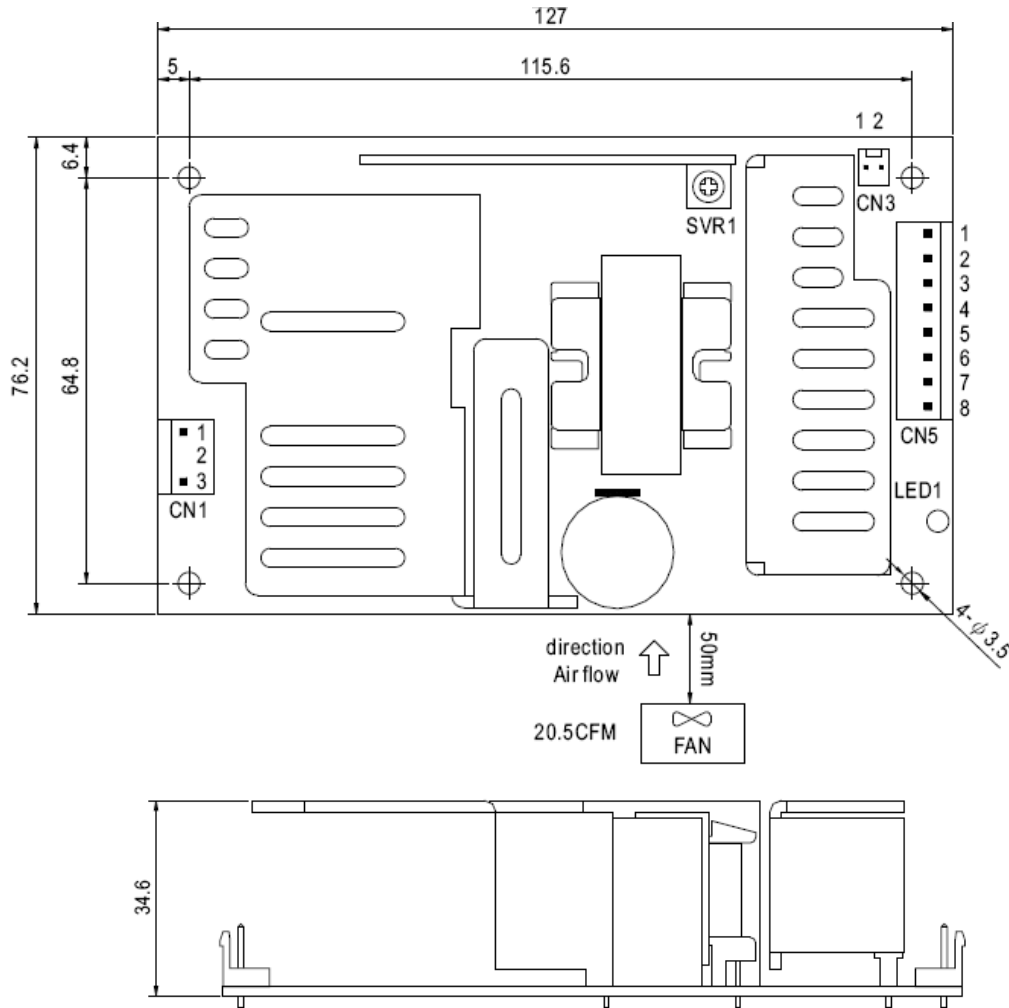
Universal Input.....	90~260 VAC, 47~63 Hz / 127~367 VDC
Power Factor.....	>0.98 @ 115 VAC @ full load, >0.94 @ 230 VAC
Output Voltage.....	See table below, plus min. +/-10% adjustment
Output Power.....	150 Watts convection, 200 Watts (20.5 CFM of air)
Over Load Protection.....	105~135%, hiccup mode (recovers automatically)
Over Voltage Protection.....	115~135% of output voltage
Set Up, Rise Time.....	1200 ms, 60 ms / 230 VAC input @ full load
Hold Up Time.....	15-17 ms / 230 VAC / 115 VAC @ full load
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-FG: 1.5 kVAC, O/P-FG: 0.5 kVAC
Operating Temperature.....	-20~+70 °C, (see derating curve)
Storage Temperature.....	-40~+85 °C
Safety Standard.....	UL60950-1, TUV EN60950-1
EMC Standard.....	EN55022 Class B, EN61000-3-2,3 EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, light industrial level, criteria A
UL File Number.....	E183223
Dimensions.....	127(L) x 76.2(W) x 34.6(H) (height from base of pcb)
MTBF.....	108.4 khrs (MIL-HDBK-217F) @ 25 °C

Models and Ratings

Model	Output	Ripple/Noise	Efficiency
PPS-200-5	5 V / 36.0 A	100 mV	86%
PPS-200-12	12 V / 16.6 A	100 mV	89%
PPS-200-15	15 V / 13.3 A	100 mV	89%
PPS-200-24	24 V / 8.3 A	150 mV	89%
PPS-200-27	27 V / 7.4 A	150 mV	89%
PPS-200-48	48 V / 4.17 A	250 mV	90%

For mechanical details see next page

Mechanical Details



Input connector (CN1) mates with JST VHR-3N or equivalent
 Output connector (CN5) mates with JST VHR-8N or equivalent
 Remote sense connector (CN3) mates with Molex 5051 series or equivalent
 JST terminals: SVH-21T-P1.1
 Molex terminals: 4809 or equivalent

Pinout

Pin Number	Function		
	CN1	CN5	CN3
1	AC Live	+V Out	-ve sense
2	No Pin	+V Out	+ve sense
3	AC Neutral	+V Out	
4		+V Out	
5		-V Out	
6		-V Out	
7		-V Out	
8		-V Out	

Derating

