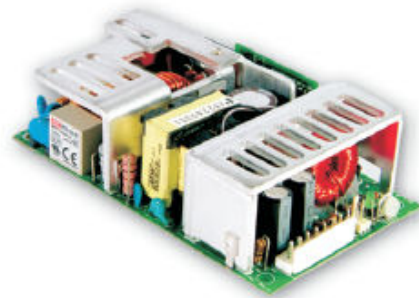


125 Watt, PPS-125 Series (Open Frame, Single Output Models)

ALL PSU LTD
Electronic Power Solutions

- Universal Input With PFC
- High Power Density, Low Profile
- Industry Standard Footprint 5" x 3"
- 100% Full Load Burn In
- Built In Remote Sense
- Short Circuit, Over Load, Over-Voltage Protection
- 3 Year Warranty



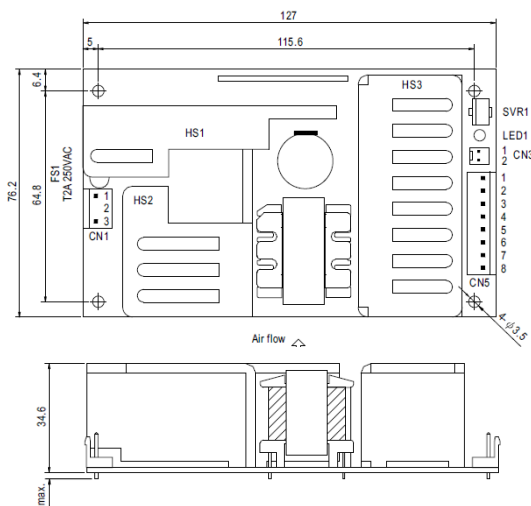
Specification

Universal Input.....	90~264 VAC, 47~63 Hz (127~370 VDC)
Power Factor.....	0.98 @ 115 VAC, 0.93 @ 230 VAC
Output Voltage.....	See table below (plus adjustment +/-5% min)
Output Power.....	100 Watts convection, 125 Watts fan cooled (18 CFM)
Over Load Protection.....	126~160%, foldback current limit
Over Voltage Protection.....	115~135% of output voltage
Set Up, Rise, Hold Up Time.....	1000 ms, 30 ms, 20 ms @ full load, 230 VAC
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-FG: 1.5 kVAC, O/P-FG: 0.5 kVAC, 1 min.
Operating Temperature.....	-20~+60 °C (derate above 50 °C)
Storage Temperature.....	-40~+85 °C
Safety Standard.....	UL60950, TUV EN60950
EMC Standard.....	EN55022 Class B, EN61000-3-2, 3 EN61000-4-2, 3, 4, 5, 6, 8, 11 ENV50204
Weight.....	0.37 kg each
MTBF.....	111.7 kHrs (MIL-HDBK-217F) @ 25 °C

Models and Ratings

Model	Output	Ripple/Noise	Efficiency
PPS-125-3.3	3.3 V / 25 A	100 mV	70%
PPS-125-5	5.0 V / 25 A	100 mV	79%
PPS-125-12	12.0 V / 10.5 A	100 mV	80%
PPS-125-13.5	13.5 V / 9.3 A	100 mV	80%
PPS-125-15	15.0 V / 8.4 A	100 mV	80%
PPS-125-24	24.0 V / 5.2 A	150 mV	83%
PPS-125-27	27.0 V / 4.6 A	150 mV	83%
PPS-125-48	48.0 V / 2.6 A	250 mV	83%

Mechanical Details



Pinout

AC Input Connector (CN1) : JST B3P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	AC/L	JST VHR or equivalent	JST SVH-21T-P1.1 or equivalent
2	No Pin		
3	AC/N		

DC Output Connector (CN5) : JST B8P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1~4	-V	JST VHR or equivalent	JST SVH-21T-P1.1 or equivalent
5~8	+V		

Remote Sense(CN3) : Molex 5045-02 or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	RS+	Molex 5051 or equivalent	Molex 4809 or equivalent
2	RS-		

Specifications can change without notice, E&OE. ALL PSU Terms & Conditions apply

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