

45 Watt, PSD45 Series, Open Frame DC-DC Converter

ALL PSU LTD
Electronic Power Solutions

- DC Inputs From 9.2 to 72 V
- 1500 Volts Isolated Output
- Low Ripple, Built In Filter
- Protections, Short Circuit, Over Load, Over Voltage
- High Reliability
- Cooling By Free Air Convection
- CE Marked

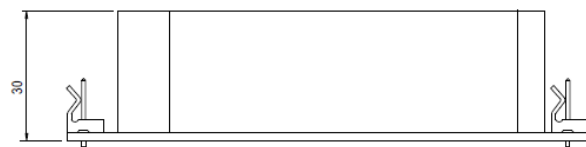
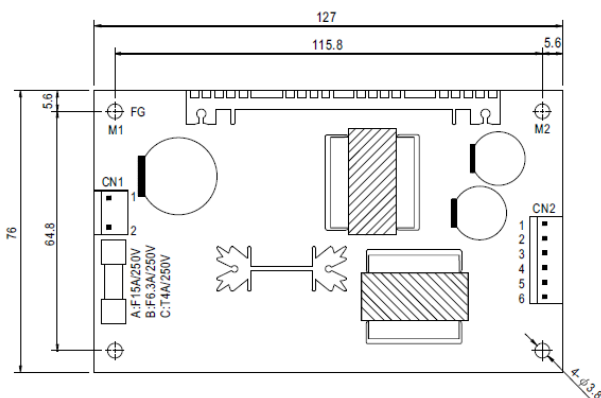


Size: 127 x 76 x 30 mm

Specification

Input Voltage.....	See table below, inputs from 9.2~72 VDC
Output Voltage.....	See table below (plus adjustment range)
Output Tolerance.....	Max +/-2% including set up, line & load regulation
Line & Load Regulation.....	+/-1% 5V & 12V O/P, +/-0.5% 24V O/P
Over Load Protection.....	105~160%, Shut-down, re-power on to recover
Over Voltage Protection.....	115 to 135% of rated output voltage
Isolation Voltage.....	1.5 kVAC (input to output)
Operating Temperature.....	-20~+85 °C (full power from 0 to +40°C)
Safety Standards.....	Meets LVD requirements, CE marked
EMC Standards.....	EN55022 (CISPR222) class B, EN61000-4-2,3,4,6,8 EN55024, EN61000-6-1, Light industrial level, criteria A
Mechanical Size.....	127(L) x 76(W) x 30(H) mm
Connections.....	Input & output Molex Plug in

Model	Input Voltage	Output Voltage / Current	Output Voltage Adjustment	Efficiency
PSD-45A-05	9.2~18 VDC	5 V / 6 A	4.5 to 5.5 V	74%
PSD-45A-12	9.2~18 VDC	12 V / 2.5 A	10.8 to 13.2 V	78%
PSD-45A-24	9.2~18 VDC	24 V / 1.25 A	21.6 to 26.4 V	79%
PSD-45B-05	18~36 VDC	5 V / 9 A	4.5 to 5.5 V	77%
PSD-45B-12	18~36 VDC	12 V / 3.75 A	10.8 to 13.2 V	82%
PSD-45B-24	18~36 VDC	24 V / 1.875 A	21.6 to 26.4 V	85%
PSD-45C-05	36~72 VDC	5 V / 9 A	4.5 to 5.5 V	80%
PSD-45C-12	36~72 VDC	12 V / 3.75 A	10.8 to 13.2 V	83%
PSD-45C-24	36~72 VDC	24 V / 1.875 A	21.6 to 26.4 V	86%



Pin No (CN1)	Assignment	Pin No (CN2)	Assignment
1	-V in	1,2,3	+V out
2	+V in	4,5,6	-V out

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

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