



150 Watt, A-150FAO Series, Enclosed Power Supply

- 85~132VAC/170~264 AC Input (switch selectable)
- High Efficiency up to 90%
- High Reliability, 3 year warranty
- Short Circuit, Over Load, Over Voltage Protections
- CE & UL60950 Approved
- No Load Power Consumption <0.5W
- Stocked in the UK
- 1U Compatible Low profile 30mm Height



Specification

Input Voltage..... 85~132VAC / 170~264VAC, selected by switch,
47~63 Hz (120-370 VDC)

Output Voltage..... See table below, plus Voltage adjustment range

Over Load Protection..... 120~150% of Output

Short Circuit Protection..... Hiccup Mode, Auto Recovery

Over Voltage Protection..... 115~135% of Output Voltage

Rise, Hold Up Time..... ≤30ms, 30ms @ Full Load/230 VAC

Isolation Voltage..... I/P-O/P: 3 kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC

Operating Temperature -30 to +70 °C, see derating curve

Safety Standards..... UL60950-1, EN60335-1, CCC GB4943, CE

EMC..... EN55022

Mechanical Size & Weight..... 159 x 97 x 30 mm, 0.34 Kg

Connections Input & Output..... Screw Terminals

Models and Ratings

Model	Output Voltage	Output Voltage Adj Range	Maximum Output Current	Efficiency
A-150FAO-12	12 Volts	10.8 to 13.2 Volts	12.5 Amps	88 %
A-150FAO-24	24 Volts	21.6 to 26.4 Volts	6.5 Amps	89 %
A-150FAO-36	36 Volts	32.4 to 39.6 Volts	4.3 Amps	89 %
A-150FAO-48	48 Volts	43.2 to 52.8 Volts	3.3 Amps	90 %

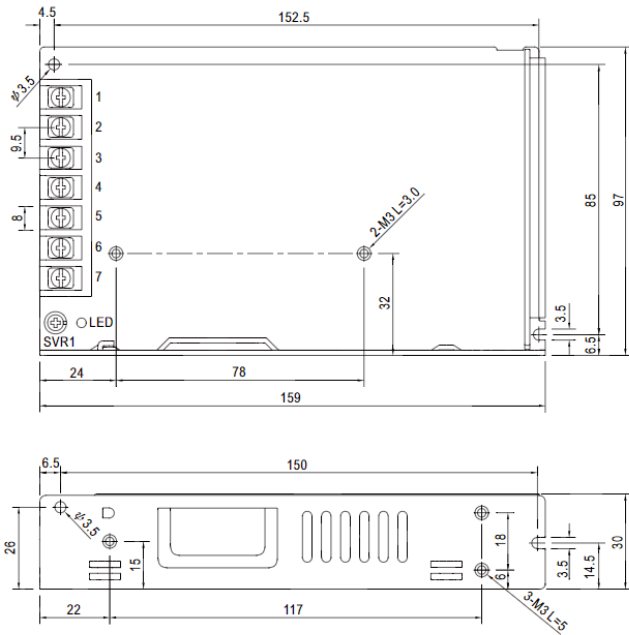
Please see next page for mechanical drawings, Connections and Derating.

150 Watt, A-150FAO Series, Enclosed Power Supply



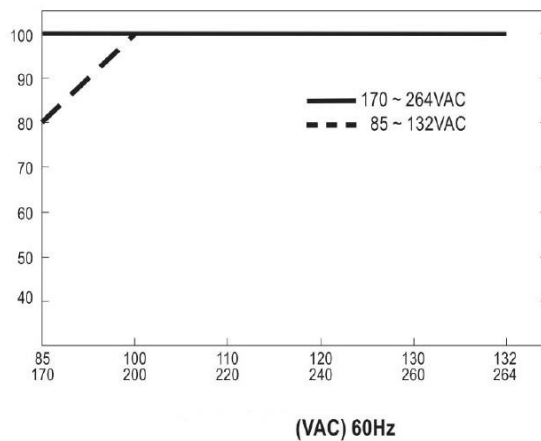
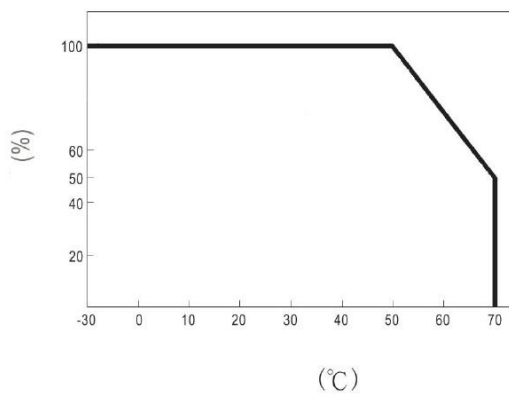
electronic powersolutions

Mechanical Drawings and Connection Details



Terminal Number	Function
1	AC Live
2	AC Neutral
3	Ground
4	-V Out
5	-V Out
6	+V Out
7	+V Out

Temperature and AC Input Derating Curves :



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

**ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111,
Email : sales@allpsu.co.uk Web : www.allpsu.co.uk**