

75 Watt, A-75FAM Series, Enclosed Power Supply

- Universal AC Input
- High Efficiency up to 92%
- High Reliability, 3 year warranty
- Short Circuit, Over Load, Over Voltage Protections
- CE & EN60950 Approved
- No Load Power Consumption <0.3W
- Stocked in the UK
- 1U Compatible Low profile 30mm Height



Specification

Input Voltage.....	.85-264 VAC, 47~63 Hz (120-370 VDC)
Output Voltage.....	See table below, plus Voltage adjustment range
Over Load Protection.....	110~150% of Output
Short Circuit Protection.....	Hiccup Mode, Auto Recovery
Over Voltage Protection.....	115~135% of Output Voltage
Rise, Hold Up Time.....	typ 1000ms, 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.....	EN60950-1, GB4943-2001, UL1012, CE
EMC.....	EN55022 CLASS B
Mechanical Size & Weight.....	99 x 97 x 30 mm, 0.3 Kg
Connections Input & Output.....	Screw Terminals

Models and Ratings

Model	Output Voltage	Output Voltage Adj Range	Maximum Output Current	Efficiency
A-75FAM-5	5 Volts	4.5 to 5.5 Volts	14 Amps	88 %
A-75FAM-12	12 Volts	10.8 to 13.2 Volts	6 Amps	88 %
A-75FAM-24	24 Volts	21.6 to 26.4 Volts	3.2 Amps	90 %
A-75FAM-36	36 Volts	32.4 to 39.6 Volts	2.1 Amps	92 %
A-75FAM-48	48 Volts	43.2 to 52.8 Volts	1.6 Amps	92 %

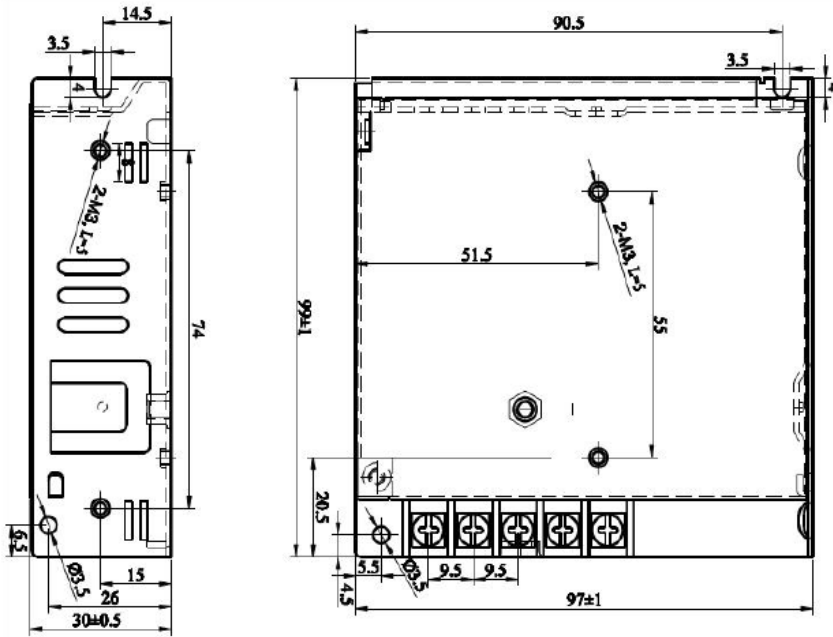
Please see next page for mechanical drawings, Connections and Derating.

75 Watt, A-75FAM Series, Enclosed Power Supply



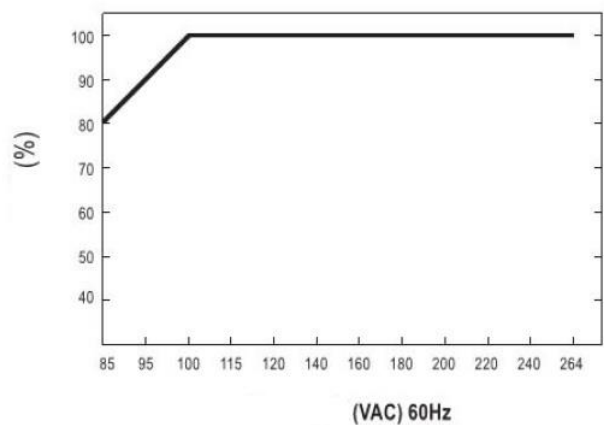
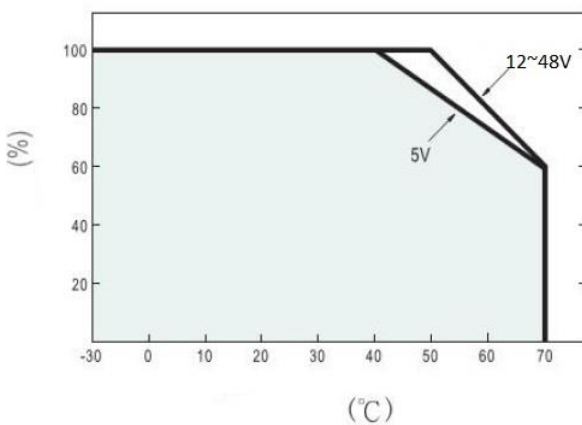
electronic powersolutions

Mechanical Drawings and Connection Details



Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC output (V-)
2	AC/N	5	DC output (V+)
3	FG		

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**