

# 100 Watt, A-100FAN Series, Enclosed Power Supply

- Universal AC Input
- High Efficiency up to 91%
- High Reliability, 3 year warranty
- Short Circuit, Over Load, Over Voltage Protections
- CE & UL60950 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.....	120~150% of Output
Short Circuit Protection.....	Hiccup Mode, Auto Recovery
Over Voltage Protection.....	120~140% 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.....	129 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 href="#">A-100FAN-5</a>	5 Volts	4.5 to 5.5 Volts	18 Amps	86 %
<a href="#">A-100FAN-12</a>	12 Volts	10.8 to 13.2 Volts	8.5 Amps	88 %
<a href="#">A-100FAN-24</a>	24 Volts	21.6 to 26.4 Volts	4.5 Amps	90 %
<a href="#">A-100FAN-36</a>	36 Volts	32.4 to 39.6 Volts	2.8 Amps	90.5 %
<a href="#">A-100FAN-48</a>	48 Volts	43.2 to 52.8 Volts	2.3 Amps	91 %

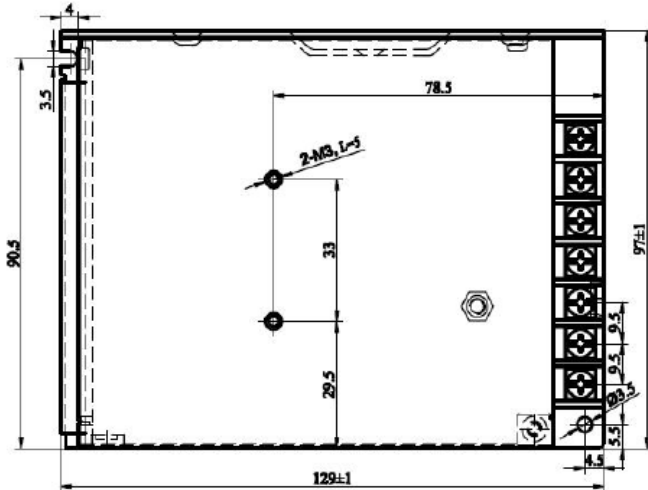
Please see next page for mechanical drawings, Connections and Derating.

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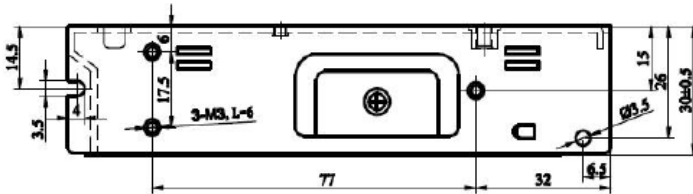


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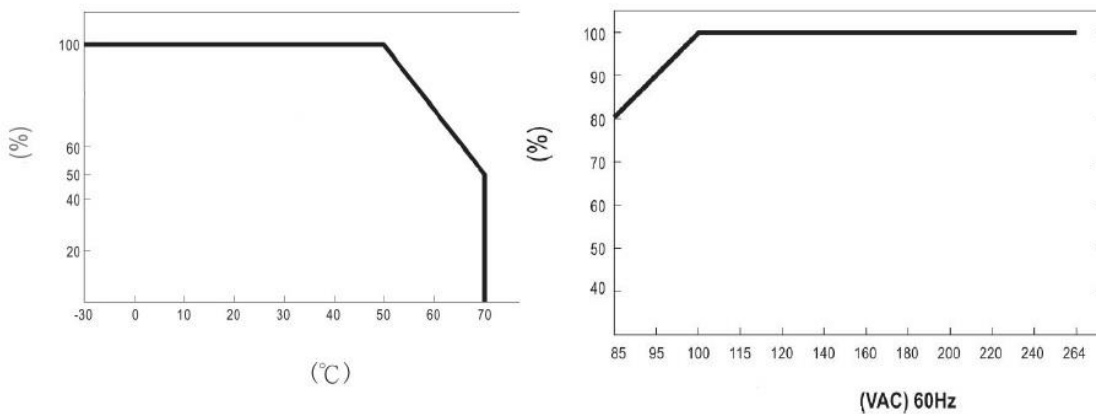
## Mechanical Drawings and Connection Details



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.

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