



# 50 Watt, ANC50 Series, Encapsulated Power Supply

- Universal AC Input (or high level DC)
- Fully Encapsulated, PCB Mounting Plastic Case, plus option of Chassis or DIN Rail Mounting with Screw Terminals.
- Wide Temperature Range -40°C ~ +70°C
- Short Circuit, Over Voltage, Over Load Protected
- Convection Cooled
- Full Approvals: UL CE
- Low Ripple & Noise
- High Efficiency & Compact Case Size



### Specification

Input Voltage.....	90~264 VAC, 47~63 Hz (120-370 VDC)
Inrush Current.....	30 Amps @ 115 VAC, 60 Amps @ 230 VAC (<2ms)
Output Voltage.....	See table below,
Load Regulation (5% to full load).....	+/-1%
Line Regulation (full range).....	+/-1%
Over Voltage Protection.....	Zener diode clamp
Short Circuit Protection.....	Hiccup mode, indefinite (automatic recovery)
Hold Up Time.....	10 ms, minimum
Input to Output Isolation.....	Input to Output: 3 kVAC,
Operating Temperature .....	-40 to +70 °C, see derating curve
Storage Temperature.....	-40 to +85 °C
Safety Standards.....	UL/cUL, CE,
EMC.....	EN55022, EN55024
Mechanical, (PCB Mount version).....	Encapsulated, 74 x 54 x 22 mm, 166g
Connections Input & Output.....	PCB mounting: through hole pins
Mechanical Options.....	Chassis mounting with screw terminal connections DIN Rail mounting

### Models and Ratings

Model	Output Volts DC	Maximum Output Current	Efficiency
<a href="#">ANC50-5S-AP</a>	5.0 V	8.0 Amps	86%
<a href="#">ANC50-12S-AP</a>	12.0 V	4.167 Amps	90%
<a href="#">ANC50-15S-AP</a>	15.0 V	3.333 Amps	87%
<a href="#">ANC50-24S-AP</a>	24.0 V	2.083 Amps	88%
<a href="#">ANC50-48S-AP</a>	48.0 V	1.04 Amps	89%

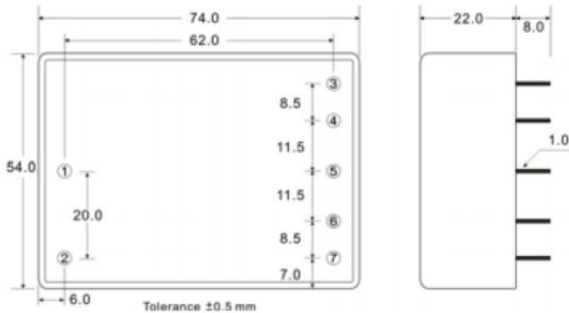
Please see next page for mechanical drawings, connections, chassis mounting options and temperature derating.

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## Mechanical Details (top view) Standard PCB Mount Version.



## Pin-Out Details

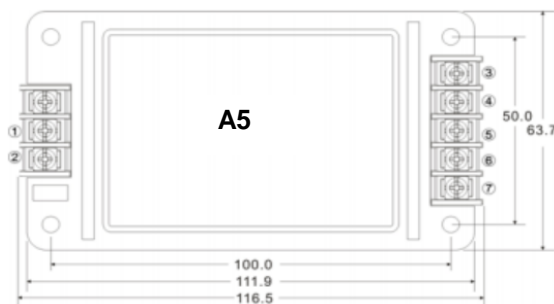
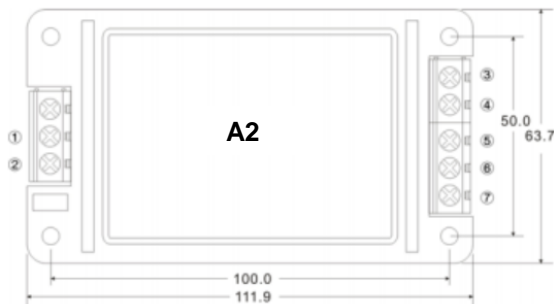
Pin	Function
1	AC Input Neutral
2	AC Input Live
3	No Pin
4	-DC Out
5	No Pin
6	+DC Out
7	No Pin

## Mechanical Options – add suffix:

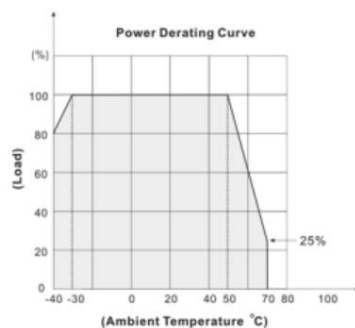
-A2 = Chassis mounting with screw terminals for stripped wires

-A5 = Chassis mounting with screw terminals for crimped terminals

Please contact ALL PSU sales office for further details & DIN Rail mounting option.



## DERATING



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

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