

15 Watt, ATCN Series, Encapsulated Power Supply



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- Universal AC Input
- Fully Encapsulated Plastic Case, Plus Options Of Chassis Or DIN Rail Mounting With Screw Terminal Connections.
- Wide Temperature Range
- Short Circuit, Over Load & Over Voltage Protected
- Convection Cooled To Full Power
- Full Approvals: UL/CE
- Low Ripple And Noise



Specification

Input Voltage.....	90~264 VAC, 50/60 Hz (120-370 VDC)
Inrush Current.....	15 A @ 115 VAC, 30 A @ 230 VAC
Output Voltage.....	See table below, +/-2% preset accuracy
Load Regulation (10% to 100%).....	+/-1%
Line Regulation (full range).....	+/-0.5%
Over Voltage Protection.....	Zener Diode Clamp
Short Circuit Protection.....	Hiccup mode, indefinite (automatic recovery)
Input to Output Isolation.....	I/P-O/P: 4 kVAC,
Operating Temperature	-40 to +70 °C, see derating curve
Storage Temperature.....	-40 to +85 °C
Safety Standards.....	UL/cUL, EN60950, CE
EMC.....	EN55022 Class B, EN55024
Mechanical ...(PCB Mount Version).....	Encapsulated, 64 x 45 x 21.5 mm
Case Material.....	Plastic (flammability to UL 94V-0)
Weight.....	92g
Connections Input & Output.....	PCB mounting: through hole pins
Mechanical Options.....	Chassis mounting with screw terminal connections DIN rail mounting with screw terminal connections

Models and Ratings

Model	Output Voltage	Max Output Current	Efficiency
ATCN-5S-AP	5.0 V	3 A	78%
ATCN-12S-AP	12.0 V	1.25 A	82%
ATCN-15S-AP	15.0 V	1 A	81%
ATCN-24S-AP	24.0 V	0.625 A	82%

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

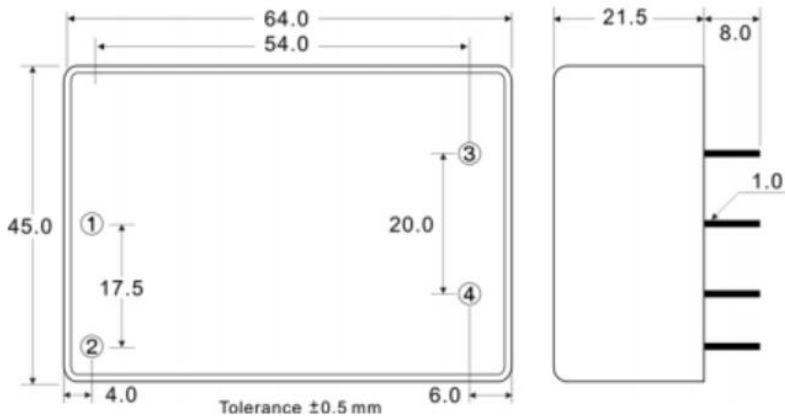
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Mechanical Dimensions (top view)

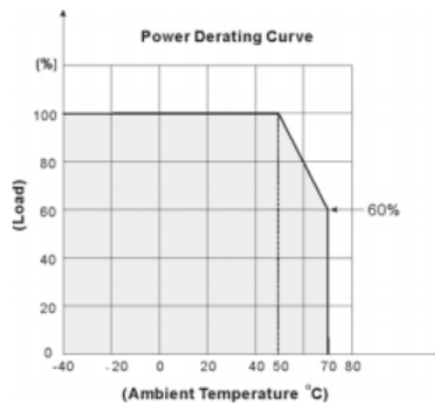
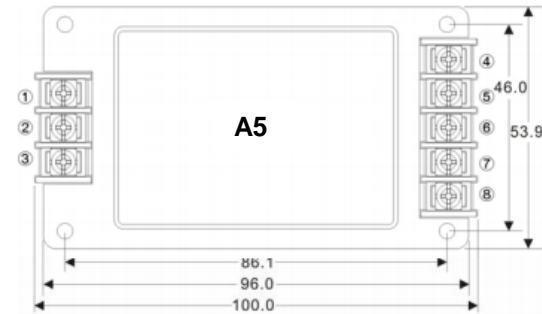
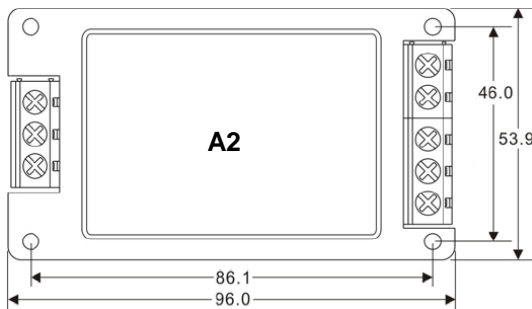


Pinout Details

Pin	Connection
1	AC Neutral
2	AC Live
3	-DC Out
4	+DC Out

Mechanical Options – add suffix:

- A2 = Chassis mounting with screw terminals for stripped wires
- A5 = Chassis mounting with screw terminals for crimped terminals
- DN = DIN Rail mounting with screw terminal connections



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

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