

60 Watt, AES60U Series, U-Channel Power Supply



electronicpowersolutions

- Universal AC Input
- U-Channel Chassis with option of Fully Enclosed or Open Frame Formats.
- High Efficiency Up To 86%
- Short Circuit, Over Voltage, Over Load Protected
- Convection Cooled To Full Power
- Full Approvals: UL/CE
- Compact Case Size



Specification

Input Voltage.....	90~265 VAC, 47~65 Hz (100-370 VDC)
Inrush Current.....	30 A @ 115 VAC, 50 A @ 230 VAC
Output Voltage.....	Single Outputs, See table below
Load Regulation.....	+/-1%
Line Regulation.....	+/-1%
Over Voltage Protection.....	Zener Diode Clamp
Short Circuit Protection.....	Auto Recovery
Overload Protection.....	Auto Recovery
Hold Up Time.....	10 ms, min
Ripple	<0.2% Vout +40mV max (Vp-p)
Noise.....	<0.5% Vout +50mV max (Vp-p)
Input to Output Isolation.....	I/P-O/P: 3 kVAC,
Operating Temperature	-40 to +70 °C, see derating curve
Storage Temperature.....	-50 to +85 °C
Switching Frequency.....	100 kHz
Safety Standards.....	UL60950, CE
EMC.....	EN55022 class B, EN55024
Mechanical	105 x 58 x 38.1 mm
Connections Input & Output.....	Screw Terminals

Models and Ratings

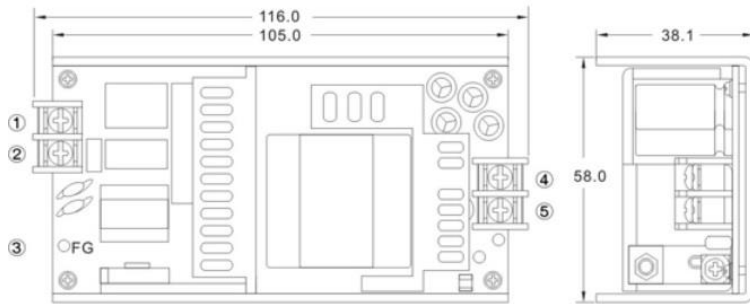
Model	Output Voltage	Output Current	Efficiency
AES60U-5S-AP	5.0 V	10 A	82%
AES60U-9S-AP	9.0 V	6.66 A	84%
AES60U-12S-AP	12.0 V	5 A	86%
AES60U-15S-AP	15.0 V	4 A	86%
AES60U-24S-AP	24.0 V	2.5 A	86%
AES60U-48S-AP	48.0 V	1.25 A	86%

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

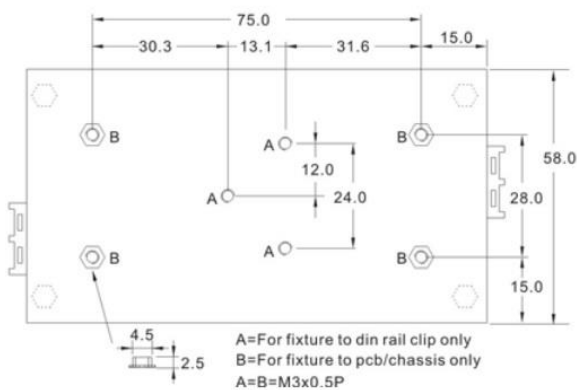
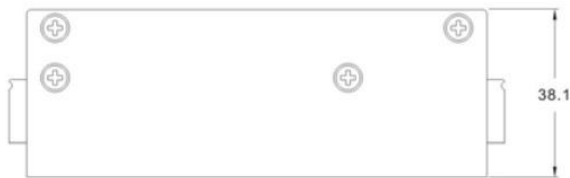
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Mechanical Drawings.

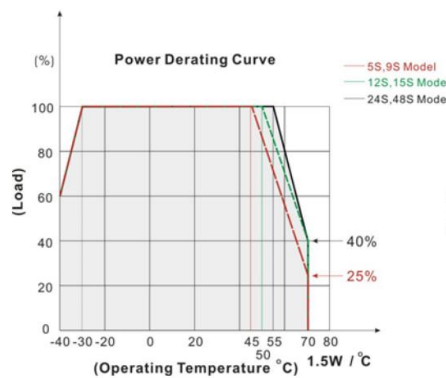


Tolerance ± 0.5 mm



Connections	
Terminal	Function
1	AC Neutral
2	AC Live
3	Case Earth
4	+DC Out
5	-DC Out

Derating



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

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