

60 Watt, SZA60U Series , U-Channel Power Supply



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- Universal AC Input
- U-Channel Chassis with Open Frame option
- <0.3 Watt No Load Input Power
- High Efficiency Up To 88%
- Short Circuit, Over Voltage, Over Load Protected
- Convection Cooled To Full Power
- Full Approvals: UL/CE
- Compact 3" x 2" Size



Specification

Input Voltage.....	90~264 VAC, 47~63 Hz (120-370 VDC)
Inrush Current.....	35 A @ 115 VAC, 70 A @ 230 VAC
Output Voltage.....	Single Outputs, See table below for models
Load Regulation.....	+/-1% (5 to 100% Load)
Line Regulation.....	+/-1% (Full AC range)
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	-30 to +70 °C, see derating curve
Storage Temperature.....	-50 to +85 °C
Safety Standards.....	UL60950, CE
EMC.....	EN55022 class B, EN55024
Mechanical	80 x 57.5 x 38 mm
Connections Input & Output.....	Screw Terminals

Models and Ratings

Model	Output Voltage	Output Current	Efficiency
SZA60U-5S-AP	5.0 V	10 A	81%
SZA60U-12S-AP	12.0 V	5 A	87%
SZA60U-15S-AP	15.0 V	4 A	87%
SZA60U-24S-AP	24.0 V	2.5 A	88%
SZA60U-48S-AP	48.0 V	1.25 A	88%

Please see next page for connections mechanical drawings and derating.

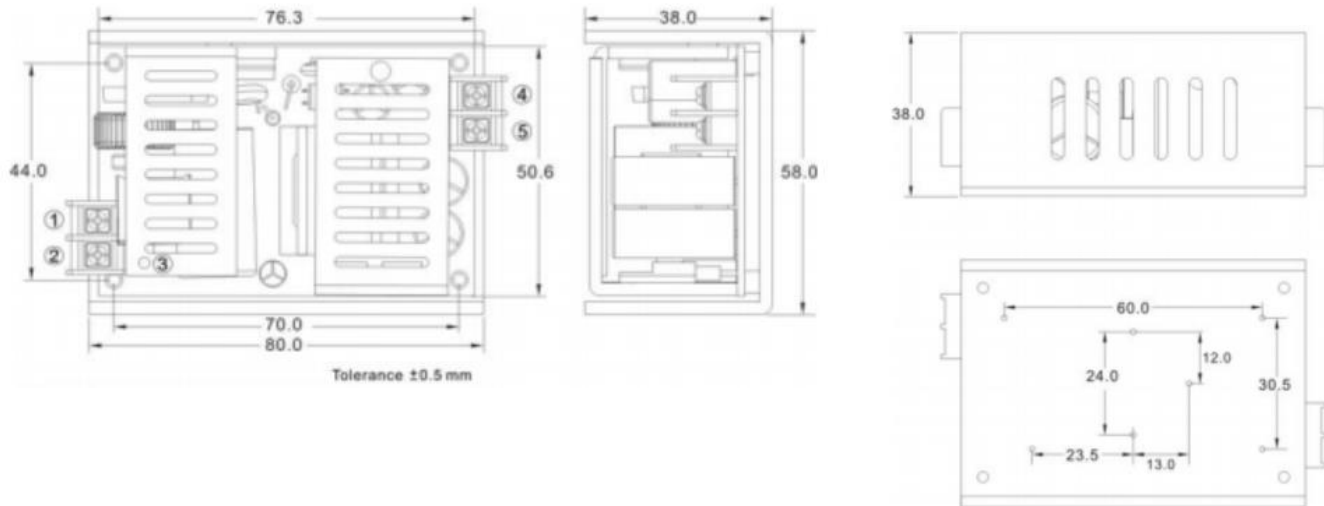
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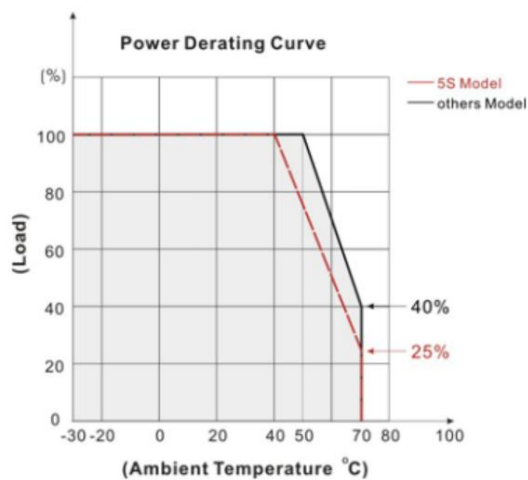
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Mechanical Drawings.



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

Derating



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

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