

- Universal AC Input
- Fully Encapsulated, Very Compact PCB Mounting Plastic Case
- Extra Wide Temperature Range
- Short Circuit, OVP, Over Load Protected
- Convection Cooled
- Full Approvals: UL/CE
- Low Ripple And Noise



## Specification

Input Voltage.....	85~264 VAC, 47~65 Hz (100-370 VDC)
Inrush Current.....	30 A @ 115 VAC, 50 A @ 230 VAC (<2ms)
Output Voltage.....	Single Outputs, See table below
Output Voltage Adjustment.....	+/-10% Trim
Load Regulation ((5% to full load).....	+/-1% typical
Line Regulation (full range).....	+/-1% typical
Over Voltage Protection.....	Zener Diode Clamp
Short Circuit Protection.....	Automatic recovery
Hold Up Time.....	10 ms, min
Input to Output Isolation.....	I/P-O/P: 4 kVAC,
Operating Temperature .....	-40 to +70 °C, see derating curve
Storage Temperature.....	-50 to +85 °C
Switching Frequency.....	100 kHz
Safety Standards.....	UL60950, EN60950, CE
EMC.....	EN55022 class B
Mechanical .....	Encapsulated, 109 x 58.5 x 30 mm
Connections Input & Output.....	PCB mounting: through hole pins

## Models and Ratings

Model	Output Voltage	Output Current	Efficiency
AEC60-5S	5.0 V	10 A	82 %
AEC60-9S	9 V	6.66 A	84 %
AEC60-12S	12.0 V	5 A	86 %
AEC60-15S	15.0 V	4 A	86 %
AEC60-24S	24.0 V	2.5 A	86 %
AEC60-48S	48.0 V	1.25 A	86 %

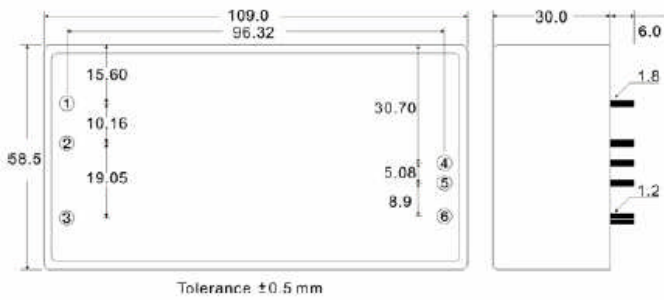
Please see next page for mechanical drawings.

**ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,  
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111  
Email : sales@allpsu.co.uk, Web : www.allpsu.co.uk**

# 60 Watt, AEC60 Series, Encapsulated Power Supply

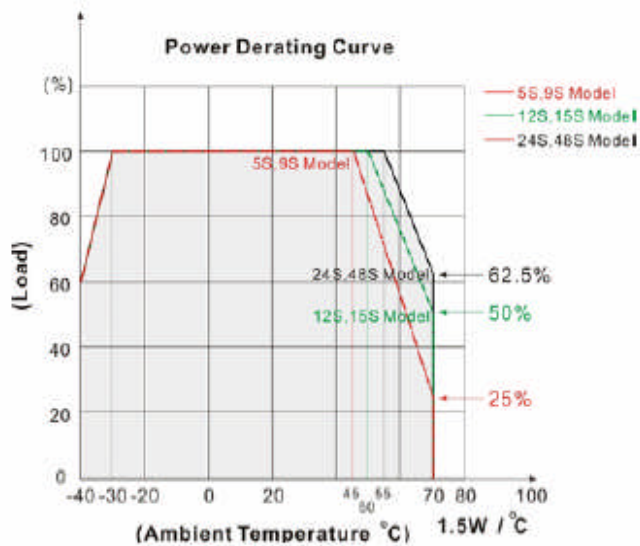


Top View



PIN#	SINGLE
1	AC IN (N)
2	AC IN (L)
3	FG
4	+DC OUT
5	-DC OUT
6	Trim

Base of unit also has 4 x M3 corner mechanical mountings, approximately 97 x 46mm centres.



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

**ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,  
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111,  
Email : sales@allpsu.co.uk Web : www.allpsu.co.uk**