

# 120 Watt, GS120A Series, Desk Top Series (Single Output)



electronicpowersolutions

- Universal AC Input
- 3 Pole C14 IEC Inlet
- Full Approvals UL/CUL/TUV/CE/CB/FCC
- No Load Power Consumption <0.5W
- Protected For Short Circuit / Over Load / Over Voltage / Over Temperature
- Meet EISA 2007, ErP & Energy Star
- Class I Power (with earth pin)
- 2 Year warranty



## Specification

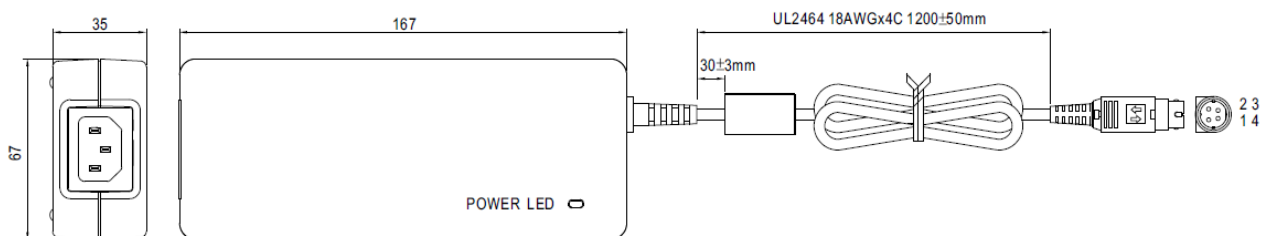
Input Voltage.....	85~264 VAC, 47~63 Hz, (127~370 VDC)
Inrush Current.....	70 A typical @ 230 VAC
Output Voltage.....	See table below
Line Regulation.....	+/-1%
Load Regulation.....	+/- 2% to +/-5% depending on model
Operating Temperature.....	-30 to +70 °C, (100 % to 45°C, derates to 50% @ +70 °C)
Storage Temperature.....	-40 °C to 85 °C
Safety Standards.....	UL60950-1 TUV EN60950-1, CCC GB4943, BSMI CNS14336
EMC Standards.....	EN55022 (CISPR22), EN61204-3 Class B, FCC part 15 EN61000-4-2, 3, 4, 5, 6, 8,11, light industrial level criteria A, EN61000-3-2,3, CNS13438 Class B GB9254-1 Class B, GB17625.1
Output Plug .....	4 Pin Mini Din or 2.5x5.5x11mm barrel style type.
MTBF.....	400.7 khrs (MIL-HDBK-217F) @ 25 °C
Dimensions.....	167(L) x 67(W) x 35(H) mm
Weight.....	0.62Kg each

## Models and Ratings

Model	Output Voltage	Output Current	Efficiency
GS120A12-R7B	12 V	8.5 A	87.5%
GS120A15-R7B	15 V	7 A	89%
GS120A20-R7B / P1M*	20 V	6 A	89%
GS120A24-R7B / P1M*	24 V	5 A	90%
GS120A48-R7B / P1M*	48 V	2.5 A	91%

\*Note, option of output connector type, see details below.

## Mechanical Details (-R1B 4 pin Mini Din version shown).



Type R7B Output Connector, Pin Out, Pins 1 & 4 = +Ve, Pins 2 & 3 = -Ve  
 Type P1M Output Connector, 2.5 x 5.5 x 11mm positive centre bore straight barrel style.  
 (P1M connector option uses 1200mm long output cable, type UL2464, 16AWG x 2C).

Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions Apply.

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