

# Desk Top Power Supplies

**POWER  
SOLVE**

[www.powersolve.co.uk](http://www.powersolve.co.uk)

PSG80-150 Series  
80-150 Watts Switch Mode,  
Power Factor Corrected  
Universal AC Input



## Features

- 90-264V AC Universal Input
- Active Power Factor Correction
- IEC320 3 pin AC Input
- Compact Size
- High Efficiency
- Integral long life ball bearing fan
- Built in Constant Current, Constant Voltage & Constant Power.

Specification			
<b>Input Voltage:</b>	90-264V AC Power Factor Corrected	<b>DC Outputs:</b>	See table
<b>Inrush Current:</b>	80A max @ cold start	<b>Over Voltage Protection:</b>	Standard with Automatic Recovery
<b>Input Current:</b>	2A Max	<b>Over Power Protection:</b>	Built in constant voltage, constant current, constant Power mode for charging
<b>Input Frequency:</b>	47-63Hz		
<b>Earth Leakage Current:</b>	0.75mA max @ 240 VAC	<b>Input Connector:</b>	IEC320 3 pin inlet connector
<b>Efficiency:</b>	85% at full load, nominal input	<b>Output Connector:</b>	4 pin power locking power connector.
<b>Operating Temperature:</b>	0-40°C ambient	<b>Safety:</b>	UL,cUL60950, TUV/GS(EN60950),CCC
<b>Cooling:</b>	Integral long life ball bearing fan	<b>EMC:</b>	Meets FCC'B' & EN55022'B'

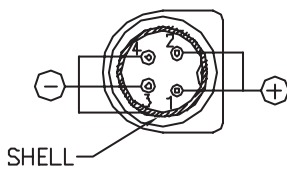
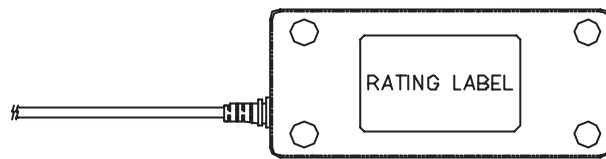
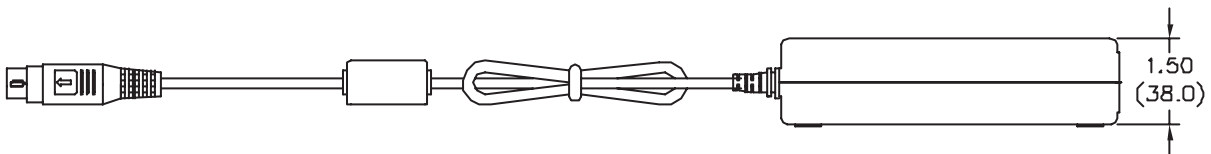
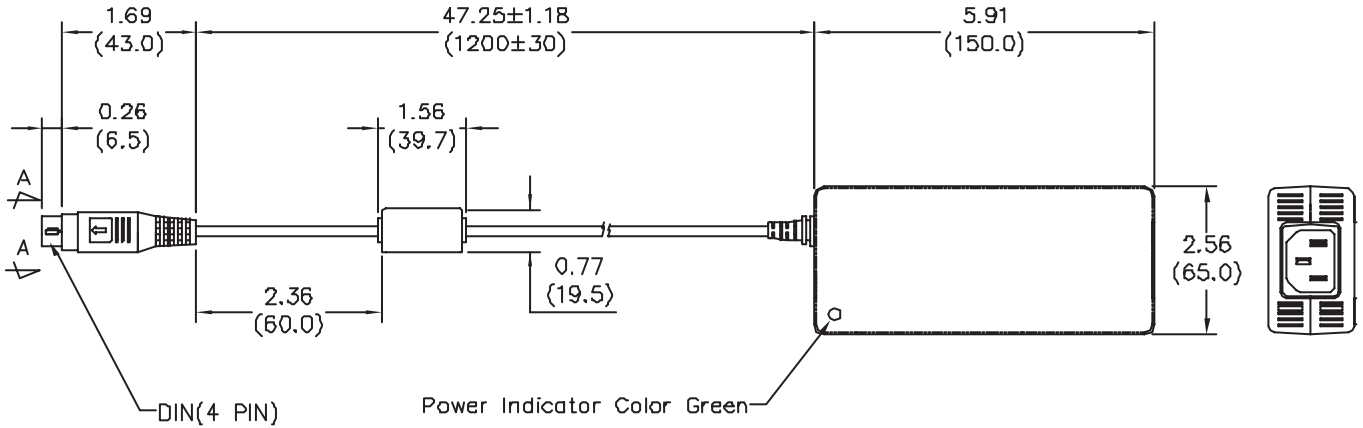
Output Voltage & Current Rating Chart - PSG80-150 Series			
Part Number	Power	O/P Voltage	O/P Current
PSG80-12-01	80W	12V	6.66A
PSG90-15-01	90W	15V	6A
PSG90-19-01	90W	19V	4.73A
PSG90-24-01	90W	24V	3.75A
PSG100-19-01	100W	19V	5.26A
PSG100-24-01	100W	24V	4.17A
PSG120-12-01	120W	12V	10.0A
PSG120-15-01	120W	15V	8.0A
PSG120-19-01	120W	19V	6.32A
PSG120-24-01	120W	24V	5.0A
PSG150-15-01	150W	15V	10.0A
PSG150-19-01	150W	19V	7.89A
PSG150-24-01	150W	24V	6.25A

**Options:** Alternative output connectors available, but may be subject to minimum order quantity.

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VIEW "A"

P1	P2	P3	P4	SHELL
WHITE	WHITE	BLACK	BLACK	SPIRAL
+	+	-	-	-

NOTES:

1. CASE & CABLE COLOR : BLACK
2. INLET: IEC320-C14
3. CABLE SPEC.: CABLE ARE UL/CSA 1571 14AWG 80°C 30V

Dimensions in Inches (mm)