

# Desk Top Power Supplies



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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

|                        |                                     |                          |   |
|------------------------|-------------------------------------|--------------------------|---|
| Input Voltage:         | 90-264V AC Power Factor Corrected   | DC Outputs:              | See table   |
| Inrush Current:        | 80A max @ cold start                | Over Voltage Protection: | Standard with Automatic Recovery  |
| Input Current:         | 2A Max                              | Over Power Protection:   | Built in constant voltage, constant current, constant Power mode for charging |
| Input Frequency:       | 47-63Hz                             |                          |   |
| Earth Leakage Current: | 0.75mA max @ 240 VAC                | Input Connector:         | IEC320 3 pin inlet connector  |
| Efficiency:            | 85% at full load, nominal input     | Output Connector:        | 4 pin power locking power connector.  |
| Operating Temperature: | 0-40°C ambient                      | Safety:                  | UL,cUL60950, TUV/GS(EN60950),CCC  |
| Cooling:               | Integral long life ball bearing fan | EMC:                     | 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       |
| PSG100-48-01 | 100W  | 48V         | 2.08A       |
| 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.

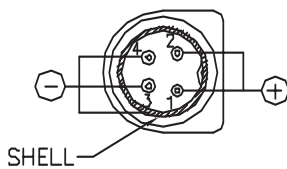
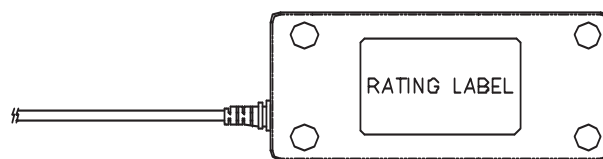
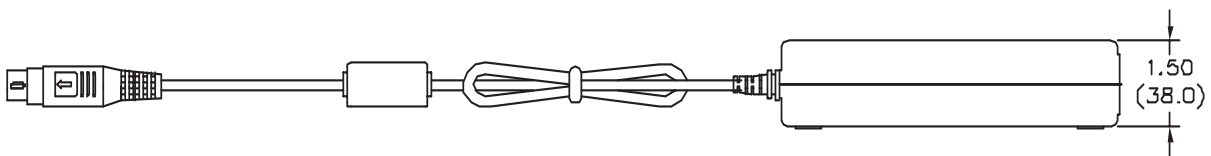
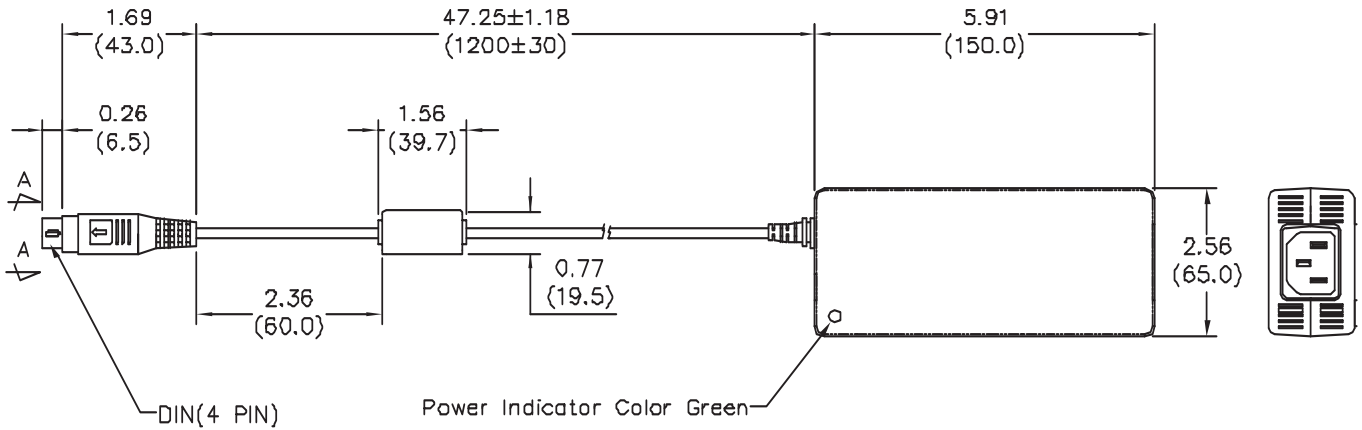
**Powersolve Electronics Ltd. Units 8A, Arnhem Road, Newbury, RG14 5RU. England**

**Tel:01635 521858 Fax: 01635 523771 Email: [sales@powersolve.co.uk](mailto:sales@powersolve.co.uk)**

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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)

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