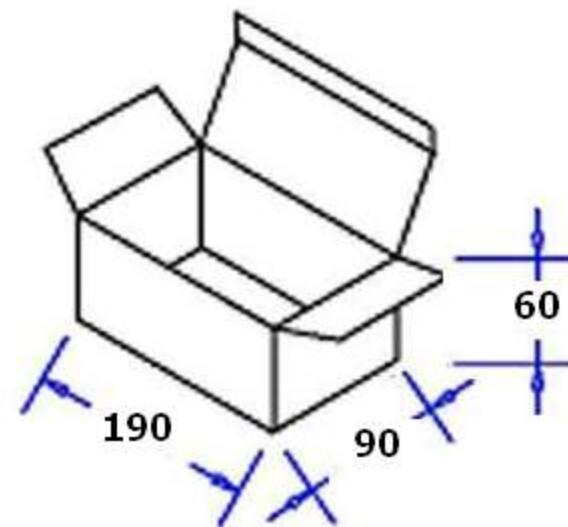


Output Plug and Polarity are Dependent on Customer Requirements

White Inner Box Dimensions



### General Specifications

- Input: 100~240Vac/ 47~63Hz
- Output: +24VDC/0~8300mA Regulated
- DC Cord: 4.9FT, 16AWG
- Operating/Storage Temperature: 0°C ~+40°C/ -20°C~+80°C
- Operating/Storage Humidity: 20%~80%RH/10%~90%RH
- M.T.B.F.: 300,000 Hrs. Minimum (25°C Ambient Temp., Full Load)
- Approvals: UL/CUL/FCC/PSE/BSMI/TUV/CE/WEEE/ROHS/VI
- Meets Energy Efficiency Level VI Standards/ ErP Stage 2
- Protection: Over Voltage/Short Circuit/Over Current/Over Temperature
- Packaged Unit Weight: 1.82 lbs

|                 |                         |   |   |
|-----------------|-------------------------|---|---|
| <b>ITEM NO.</b> | <b>S-24V0-8A3-IDG30</b> | <b>PART TITLE</b>   | Energy Efficient 24 VDC / 8.3A Universal Input Power Supply |
| <b>PART NO.</b> | <b>S6-248A3I</b>        |  <b>CONDOR ELECTRONICS, INC.</b><br>T: 408-745-7141 F: 408-745-0439<br>990 San Antonio Road<br>Palo Alto, CA 94303 USA<br><a href="mailto:sales@condorelectronics.net">sales@condorelectronics.net</a> |   |
| <b>DATE</b>     | <b>1.28.2016</b>        |   |   |
| <b>APPROVAL</b> | <b>CB</b>               |   |   |
| <b>UNIT</b>     | <b>mm</b>               |   |   |
| <b>REV</b>      | <b>0</b>                |   |   |

# 200W Level VI – Desktop Series

| OnLine Part Number | Condor P/N  | OUTPUT VOLTAGE | OUTPUT CURRENT | INPUT VOLTAGE | FREQUENCY |
|--------------------|-------------|----------------|----------------|---------------|-----------|
| S-12V0-16A0-IDG30  | S6-1216A0I  | 12.0V          | 16.0A          | 100-240VAC    | 50-60Hz   |
| S-13V5-14A0-IDG30  | S6-1314A0I* | 13.5V          | 14.0A          | 100-240VAC    | 50-60Hz   |
| S-18V0-11A0-IDG30  | S6-1811A0I* | 18.0V          | 11.0A          | 100-240VAC    | 50-60Hz   |
| S-19V0-10A5-IDG30  | S6-1910A5I* | 19.0V          | 10.5A          | 100-240VAC    | 50-60Hz   |
| S-20V0-10A0-IDG30  | S6-2010A0I* | 20.0V          | 10.0A          | 100-240VAC    | 50-60Hz   |
| S-24V0-8A3-IDG30   | S6-248A3I   | 24.0V          | 8.3A           | 100-240VAC    | 50-60Hz   |
| S-48V0-4A2-IDG30   | S6-484A2I*  | 48.0           | 4.2A           | 100-240VAC    | 50-60Hz   |



\*Build to order items. Similar parts may be available in stock. Call for more details.

## Input

- Voltage: 100~240VAC, C14 Socket
- Line Frequency: 50~60Hz
- Current: 2.8A Max

## Output

- Load Regulation:  $\pm 5\%$  (Typical)
- Ripple: 1~2% Vp-p Max. for Output Voltage @ Full Load
- DC Cord: 16AWG
- Ferrite Cord: No
- DC Plug Options: Standard and Custom available

## Environmental

- Operating/Storage Temperature: 0°C ~+40°C/ -20°C~+80°C
- Operating/Storage Humidity: 20%~80%RH/ 10%~90%RH

## Electrical

- Topology: LLC
- Dielectric Withstand: 3000VAC Primary – Secondary
- Leakage Current: 0.25mA
- MTBF: 300,000 Calculated Hours at 25°C
- Efficiency: DoE Level VI, Energy Star, ErP Stage 2, NRCan Certified
- EMI Conduction & Radiation: Compliance to EN 55022 Class B
- Harmonic Current Compliance to EN 61000-3-2,3
- EMS Immunity: Compliance to IEC 61000-4-2,3,4,5,6,8,11

**Full Safety Standard Below**

\* **QUESTIONS ABOUT ANY OF CONDOR'S PRODUCTS PLEASE CALL/EMAIL 408-745-7141 / SALES@CONDORELECTRONICS.NET**

# Safety Standards

| Type(Marking) | Country/Region | Standard   |
|---------------|----------------|--|
| UL/CUL        | USA/Canada     | Safety: UL 60950-1   |
|               |                | Safety: CSA C22.2 No 60950-1-07  |
| FCC           | USA            | EMI: FCC Part 15, Subpart B, Class B   |
| CE            | Europe         | In accordance with the council directive 2004/108/EC<br>Adapter Standard: EN61204-3<br>EMI: EN 55022<br>EMS: EN 5502-4<br>ERP 5278/2009                          |
| PSE           | Japan          | 適用試験基準：電気用品の技術上の基準を定める省令の解釈<br>Applied Standard for Testing: Description of the technical requirements by the<br>METI Ordinance. 別表第十二 60950-1(h26), J55022(H22) |
| GS            | Germany        | Safety: EN 60950-1   |
| BSMI          | Taiwan         | Safety: CNS14336-1 (99) 年版   |
|               |                | EMI: CNS13438 (95) 年版  |

