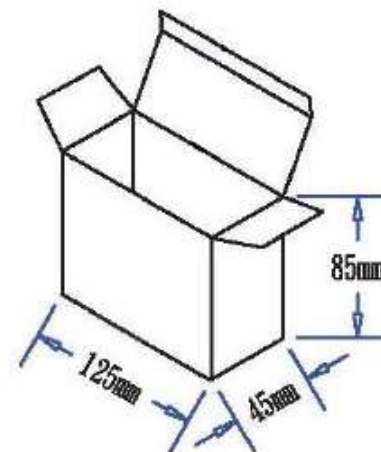


**Output Plug and Polarity are Dependent on Customer Requirements**

### General Specifications

- Input: 100~240Vac/ 50~60Hz
- Output: +18VDC/0~2000mA Regulated
- Inlet: IEC-320-C8, 10A/250VAC
- Catalog Type: 36W – Desktop Series
- DC Cord: 4.9FT, 18AWG
- 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 By MIL-HDBK-217F)
- Approvals: UL/CUL/FCC/LPS/PSE/BSMI/CCC/CHINA ROHS/ RCM/NRCAN/TUV/CE/WEEE/ROHS/VI
- Meets Energy Efficiency Level VI Standards / ErP Stage 2
- Protection: Over Voltage/Short Circuit/Over Current
- Packaged Unit Weight: 0.35 Lbs.
- Box Quantity: 60 pcs

### White Inner Box Dimensions



<b>ITEM NO.</b>	S-18V0-2A0-IDG30	<b>PART TITLE</b>	Energy Efficient 18VDC / 2.0A Universal Input Power Supply
<b>PART NO.</b>	S6-182A0I-2W	 <b>CONDOR ELECTRONICS, INC.</b> T: 408-745-7141 F: 408-745-0439 780 Montague Expy. Ste. 406 San Jose, CA 95131 USA <a href="mailto:sales@condorelectronics.net">sales@condorelectronics.net</a>	
<b>DATE</b>	11.20.2015		
<b>APPROVAL</b>	CB		
<b>UNIT</b>	mm		
<b>REV</b>	0		

# 36W Level VI – Desktop Series

OnLine Part Number	Condor P/N	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT VOLTAGE	FREQUENCY
S-5V0-5A0-IDG30	S6-055A0I*	5.0V	5.0A	100-240VAC	50-60Hz
S-7V5-4A0-IDG30	S6-0754A0I*	7.5V	4.0A	100-240VAC	50-60Hz
S-8V5-3A5-IDG30	S6-0853A5I*	8.5V	3.52A	100-240VAC	50-60Hz
S-9V0-3A3-IDG30	S6-093A3I*	9.0V	3.34A	100-240VAC	50-60Hz
S-12V0-3A0-IDG30	S6-123A0I	12.0V	3.0A	100-240VAC	50-60Hz
S-13V5-2A6-IDG30	S6-1352A6I*	13.5V	2.66A	100-240VAC	50-60Hz
S-15V0-2A4-IDG30	S6-152A4I	15.0V	2.4A	100-240VAC	50-60Hz
S-16V0-2A25-IDG30	S6-162A25I*	16.0V	2.25A	100-240VAC	50-60Hz
S-18V0-2A0-IDG30	S6-182A0I	18.0V	2.0A	100-240VAC	50-60Hz
S-24V0-1A5-IDG30	S6-241A5I	24.0V	1.5A	100-240VAC	50-60Hz
S-48V0-0A75-IDG30	S6-480A75I	48.0V	0.75A	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 Standard (C6, C8 Optional)
- Line Frequency: 50~60Hz
- Current: 1.2A Max

## Output

- Load Regulation: ± 5% (Typical)
- Ripple: 1~2% Vp-p Max. for Output Voltage @ Full Load
- DC Cord: 22AWG / 20AWG / 18AWG
- Ferrite Cord: No (Optional)
- 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: Switching Flyback
- 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 Adapter Standard: EN61204-3 EMI: EN 55022 EMS: EN 5502-4 ERP 5278/2009
CCC	China	Safety: GB-4946-2001
	China ROHS	EMI: GB9254-2008 EMS: GB17625.1-2003
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 Applied Standard for Testing: Description of the technical requirements by the METI Ordinance. 別表第十二J 60950-1(h26), J55022(H22)
GS	Germany	Safety: EN 60950-1
RCM	Australia/	Safety: SAA – AX/NZS 60950.1 EMI: C-TICK – AS/NZD CISPER22
R-MEPS	New Zealand	AS/NZS 4665.1:2005/Amd 1:2009 and AS/NZS 4665.2:2005/Amd 1:2009
BSMI	Taiwan	Safety: CNS14336-1 (99 年版 ) EMI: CNS13438 (95 年版 )

