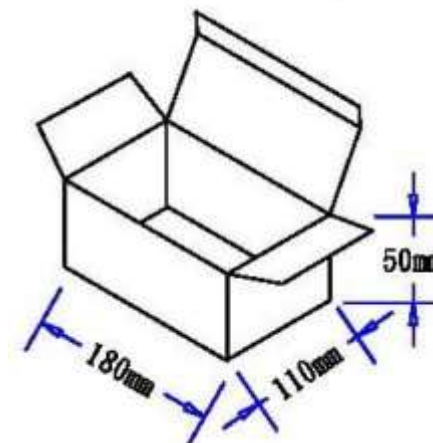


Output Plug
and Polarity are
Dependent on
Customer
Requirements

General Specifications

- Input: 100~240Vac/ 50~60 Hz
- Output: +12VDC/0~7000mA Regulated
- Catalog Type: 90W – Desktop Series
- DC Cord: 4.9FT, 16AWG with Ferrite
- 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/GS/CB/PSE/BSMI/KC/CCC/CHINA ROHS/CU-TR/SASO/NRCAN/RCM/TUV/CE/WEEE/ROHS/VI
- Meets Energy Efficiency Level VI Standards/ ErP Stage 2
- Protection: Over Voltage/Short Circuit/Over Current
- Packaged Unit Weight: 1.02 Lbs.
- Box Quantity: 24 pcs

Inner Box Dimensions



ITEM NO.	S-12V0-7A0-IDG30	PART TITLE	Energy Efficient 12 VDC / 7.0A Universal Input Power Supply
PART NO.	S6-127A0I	 CONDOR ELECTRONICS, INC. T: 408-745-7141 F: 408-745-0439 990 San Antonio Road Palo Alto, CA 94303 USA sales@condorelectronics.net	
DATE	04.25.2016		
APPROVAL	TN		
UNIT	mm		
REV	1		

90W Level VI – Desktop Series

Catalog Page

OnLine Part Number	Condor P/N	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT VOLTAGE	FREQUENCY
S-12V0-7A0-IDG30	S6-127A0I	12.0V	7.0A	100-240VAC	50-60Hz
S-15V0-6A0-IDG30	S6-156A0I*	15.0V	6.0A	100-240VAC	50-60Hz
S-16V0-5A6-IDG30	S6-165A6I*	16.0V	5.63A	100-240VAC	50-60Hz
S-18V0-5A0-IDG30	S6-185A0I*	18.0V	5.0A	100-240VAC	50-60Hz
S-19V0-4A7-IDG30	S6-194A7I	19.0V	4.74A	100-240VAC	50-60Hz
S-20V0-4A5-IDG30	S6-204A5I*	20.0V	4.5A	100-240VAC	50-60Hz
S-24V0-3A75-IDG30	S6-243A75I	24.0V	3.75A	100-240VAC	50-60Hz
S-30V0-3A0-IDG30	S6-303A0I*	30.0V	3.0A	100-240VAC	50-60Hz
S-48V0-1A8-IDG30	S6-481A8I*	48.0V	1.88A	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 (C6 Optional)
- Line Frequency: 50~60Hz
- Current: 1.2A Max

Output

- Load Regulation: $\pm 5\%$ (Typical)
- Ripple: 1~2% Vp-p Max. for Output Voltage @ Full Load
- DC Cord: 20AWG / 18AWG / 16AWG
- Ferrite Cord: Yes
- 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 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 60950-1(h26), J55022(H22)
KC	Korea	Safety: K-60950-1 EMI: K00022 EMS: 500024 KS C IEC 62310
K-MEPS		
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)

