

PWR-C1-350WAC Datasheet

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Overview

The PWR-C1-350WAC is a power supply unit (PSU) manufactured by Cisco Systems, Inc., designed to deliver 350 watts of AC power to Cisco Catalyst 3850 series switches. This PWR-C1-350WAC PSU supports power management features like Cisco Energy Wise technology and provides Power over Ethernet (PoE) with up to 30 watts of power per port for connected devices. Its hot-swappable design allows for replacement while the switch remains operational, ensuring no downtime.

Quick Specs

Product Code	PWR-C1-350WAC
Power supply rated maximum	350W
Total output BTU (Note: 1000 BTU/hr = 293W)	1207BTU/hr, 350W
Input-voltage range and frequency	100-240VAC, 50-60 Hz
Input current	4-2A
Output ratings	-56V at 6.25A
Output holdup time	16.7 ms minimum at 100VAC
Power-supply input receptacles	IEC 320-C16 (IEC60320-C16)
Power cord rating	10A
Physical specifications	(H x W x D): 1.58 X 3.25 X 12.20 in

Appearance of PWR-C1-350WAC



Recommended Elements for the PWR-C1-350WAC

Category	Model	Description
Power Cable	CAB-TA-NA	North America AC Type A Power Cable
	CAB-TA-JP	Japan AC Type A Power Cable
	CAB-C15-CBN	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors

Comparison of PWR-C1-350WAC, PWR-C1-440WDC, PWR-C1-1100WAC and PWR-C1-715WAC=.

Product Code	PWR-C1-350WAC	PWR-C1-440WDC	PWR-C1-715WAC=	PWR-C1-1100WAC
Power supply rated maximum	350W	440W	715W	1100W
Total output BTU (Note: 1000 BTU/hr = 293W)	1207BTU/hr, 350W	1517BTU/hr, 440W	2465 BTU/hr, 715W	3793 BTU/hr, 1100W
Input-voltage range and frequency	100-240VAC, 50-60 Hz	-36VDC to -72VDC	100-240VAC, 50-60 Hz	115-240VAC, 50-60 Hz
Input current	4-2A	<8A at -72VDC <16A at -36VDC	10-5A	12-6A
Output ratings	-56V at 6.25A	-56V at 7.86A	-56V at 12.8A	-56V at 19.64A
Output holdup time	16.7 ms minimum at 100VAC	> 2ms at -48VDC	16.7 ms minimum at 100VAC	10 ms minimum at 102.5VAC
Power-supply input receptacles	IEC 320-C16 (IEC60320-C16)	Terminal strip	IEC 320-C16 (IEC60320-C16)	IEC 320-C16 (IEC60320-C16)
Power cord rating	10A	20A at 100VDC	13A	13A

PWR-C1-350WAC Specification

PWR-C1-350WAC Specification	
Power supply rated maximum	715W
Total output BTU (Note: 1000 BTU/hr = 293W)	2465 BTU/hr, 715W
Input-voltage range and frequency	100-240VAC, 50-60 Hz
Input current	10-5A
Output ratings	-56V at 12.8A
Output holdup time	16.7 ms minimum at 100VAC
Power-supply input receptacles	IEC 320-C16 (IEC60320-C16)
Power cord rating	13A
Physical specifications	(H x W x D): 1.58 X 3.25 X 12.20 in

Operating temperature	23 to 113°F (-5 to 45°C)
Storage temperature	-40 to 158°F (-40 to 70°C)
Relative humidity operating and non operating non condensing	5 to 90% non condensing
Altitude	10,000 ft. (3000 meters), up to 45°C
MTBF	Calculated MTBF must be greater than 300,000 using Telcordia SR-332, Method 1, Case 3. Demonstrated MTBF is 500,000 hr (with 90% confidence level).
EMI and EMC compliance	FCC Part 15 (CFR 47) Class A ICES-003 Class A EN 55022 Class A CISPR 22 Class A AS/NZS 3548 Class A BSMI Class A (AC input models only) VCCI Class A EN 55024, EN300386, EN 50082-1, EN 61000-3-2, EN 61000-3-3 EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN 61000-6-1
Safety compliance	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, CCC, CE Marking
LED indicators	“AC OK”: Input power to the power supply is OK “PS OK”: Output power from the power supply is OK

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