

PWR-C1-715WAC Datasheet

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Overview

Cisco 3850 Series Power Supply - PWR-C1-715WAC 715W AC Config 1 Power Supply for 3850 Series.

Quick Specs

Figure 1 shows the appearance of PWR-C1-715WAC=.



Table 1 shows the Quick Specs.

Product Code	PWR-C1-715WAC=
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

The Modules, Cards, Licenses

Table 2 shows the recommended elements for the PWR-C1-715WAC=.

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

Compare to Similar Items

Table 3 shows the 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

Get more information

Do you have any question about the PWR-C1-715WAC=?

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Specification

PWR-C1-715WAC= 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 nonoperating noncondensing	5 to 90% noncondensing
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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