



PWR-C6-1KWAC/2 DataSheet

PWR-C6-1KWAC/2 1 kW AC redundant power supply for Cisco Catalyst 9200 Series switches—100–240 VAC input, 54 VDC/16.5 A output, 20 ms holdup, IEC 320-C16.

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PWR-C6-1KWAC/2 Description

The PWR-C6-1KWAC/2 is a hot-swappable, secondary 1 kW AC power supply for Cisco Catalyst 9200 Series switches. Often called the Config 6 1 kW AC secondary PSU or 1 kW AC redundant module, it delivers stable 54 VDC/16.5 A output under heavy PoE+ loads, supports universal 100–240 VAC input with a rapid 20 ms holdup time, and features an IEC 320-C16 connector for seamless drop-in redundancy alongside the primary power unit—ensuring uninterrupted network operations in mission-critical deployments.

Model Meaning

Field	Meaning
PWR	Power Supply
C6	Config 6 for Cisco Catalyst 9200 Series
1KW	1 000 W maximum output power
AC	Alternating-current input
/2	Secondary (redundant) power supply

Model comparison

Parameter	PWR-C6-600WAC/2	PWR-C6-715WDC/2	PWR-C6-1KWAC/2
Rated Power	600 W	715 W	1 000 W
Input Voltage Range	100-240 VAC, 50-60 Hz	100-240 VAC, 50-60 Hz	100-240 VAC, 50-60 Hz
Input Current	7-2.8 A	3.95-1.5 A	12-6 A
Output Voltage	54 VDC	55 VDC	54 VDC
Output Current	11.1 A	13.25 A	16.5 A
Holdup Time	≥ 20 ms at 100 VAC	2 ms at -48 VDC	≥ 20 ms at 100 VAC
Total Output BTU/hr	2 047.3 BTU/hr	2 440 BTU/hr	3 412 BTU/hr
Dimensions (H × W × D)	1.58" × 4.0" × 7.6"	1.58" × 4.0" × 7.6"	1.58" × 4.0" × 7.6"
Weight	1.7 lb (0.77 kg)	1.7 lb (0.77 kg)	2 lb (0.9 kg)
Connector	IEC 320-C16	IEC 320-C16	IEC 320-C16
Power Cord Rating	15 A	15 A	15 A
Compliance	UL/CSA/CE/CCC certified	UL/CSA/CE/CCC certified	UL/CSA/CE/CCC certified

Specification

Parameter	Specification	Parameter	Specification
Model	PWR-C6-1KWAC/2	Rated Power	1 000 W
Input Voltage	100-240 VAC, 50-60 Hz	Input Current	12-6 A
Output Voltage	54 VDC	Output Current	16.5 A
Holdup Time	≥ 20 ms at 100 VAC	Total BTU/hr	3 412 BTU/hr
Dimensions	1.58" × 4.0" × 7.6"	Weight	2 lb (0.9 kg)
Connector	IEC 320-C16	Power Cord Rating	15 A
Compliance	UL/CSA/CE/CCC certified		

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