



PWR-C6-1KWAC DataSheet

Get the reliable PWR-C6-1KWAC 1 kW AC power supply for Cisco Catalyst 9300 LM series switches—hot-swappable, 20 ms holdup, platinum-rated for enterprise networks.

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PWR-C6-1KWAC Description

The PWR-C6-1KWAC (also listed as PWR-C6-1000WAC) delivers up to 1 000 W of AC power for Cisco Catalyst C6-series switches and chassis. With auto-ranging 100–240 VAC input and a hot-swap IEC C14 connector, it provides a ≥ 10 ms holdup time to keep PoE endpoints alive through brief outages. Rated at 1.6 million hours MTBF, it's ideal as a primary or redundant supply in enterprise wiring closets.

Model Meaning

Code Segment	Meaning
PWR	Power supply unit for Cisco Catalyst switches
C6	Cisco Catalyst 9000 Series, fixed-uplink (LM/LMX) models
1KW	1000 W maximum DC output
AC	Alternating current input (100–240 VAC)

Model comparison

Parameter	PWR-C6-600WAC	PWR-C6-1KWAC	PWR-C6-715WDC
Output Power	600 W	1000 W	715 W
Total BTU/hr	2040 BTU/hr	3413 BTU/hr	2440 BTU/hr
Input Range & Frequency	100-240 VAC, 50-60 Hz	100-240 VAC, 50-60 Hz	-36 to -72 VDC
Input Current	6 A @100 VAC	12 A @100 VAC	24 A @-48 V
Output Rating	-56 V @ 10.7 A	-56 V @ 17.85 A	-56 V @ 12.8 A
Holdup Time	16.7 ms	20 ms	2 ms
Receptacle	IEC 60320-C16	IEC 60320-C22	Barrier block
Cord Rating	15 A	20 A	25 A
Dimensions (H×W×D)	1.58"×3.25"×12.2"	1.58"×3.25"×13.7"	1.58"×3.25"×12.2"
Weight	1.2 kg	1.4 kg	1 kg

Specification

Parameter	Specification
Rated maximum output power	1000 W
Model Number	PWR-C6-1KWAC
Total output BTU/hr	3413 BTU/hr
Input-voltage range & frequency	100-240 VAC, 50-60 Hz
Input current	12 A @100 VAC; 6 A @240 VAC
Output ratings	-56 V @ 17.85 A
Output holdup time	20 ms minimum @100 VAC
Power-supply input receptacle	IEC 60320-C22
Power cord rating	20 A, 125 VAC
Dimensions (H × W × D)	1.58" × 3.25" × 13.7"
Weight	3.1 lb (1.4 kg)
Operating temperature	-5 °C to +45 °C (up to 5000 ft)

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