



PWR-C6-600WAC DataSheet

Reliable PWR-C6-600WAC 600 W AC power supply for Cisco Catalyst 9300 LM switches—hot-swappable, universal input, 20 ms holdup, compact form factor.

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PWR-C6-600WAC Description

PWR-C6-600WAC is a hot-swappable, integrated 600 W AC power module (also referred to as the Cisco PWR-C6-600W AC PSU or C6 600 W AC power supply) engineered for the Catalyst 9300 LM fixed-uplink switches. Delivering reliable –56 V output and a 20 ms holdup time, this compact module supports 100–240 VAC universal input and simplifies field replacement. Ideal for branch-office or campus-edge deployments requiring moderate PoE or data-only power budgets, the PWR-C6-600WAC ensures uninterrupted operation in compact switch environments.

Model Meaning

Code Segment	Meaning
PWR	Cisco power-supply unit
C6	Integrated PSU for Catalyst 9300 LM Series (fixed-uplink models)
600W	600 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	2048 BTU/hr	3413 BTU/hr	2440 BTU/hr
Input Range	100-240 VAC	100-240 VAC	-36 to -72 VDC
Input Current	6 A @100 VAC / 3 A @240 VAC	12 A @100 VAC / 6 A @240 VAC	24 A @-48 VDC
Output Ratings	-56 V @10.7 A	-56 V @17.85 A	-56 V @12.8 A
Holdup Time	20 ms	20 ms	2 ms
Connector	IEC 60320-C22	IEC 60320-C22	Barrier-block terminal
Cord Rating	20 A, 125 VAC	20 A	25 A @-48 VDC
Dimensions (H×W×D)	1.58"×3.25"×13.7"	1.58"×3.25"×13.7"	1.58"×3.25"×12.2"
Weight	3.1 lb (1.4 kg)	3.1 lb (1.4 kg)	1.0 kg

Specification

Parameter	Specification
Rated maximum output power	600 W
Model Number	PWR-C6-600WAC
Total output BTU/hr	2048 BTU/hr
Input-voltage range & frequency	100-240 VAC, 50-60 Hz
Input current	6 A @ 100 VAC; 3 A @ 240 VAC
Output ratings	-56 V @ 10.7 A
Output holdup time	20 ms minimum @ 100 VAC
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 (1500 m)

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