



C9400-PWR-2100AC DataSheet

C9400-PWR-2100AC 2100 W Platinum AC power supply for Catalyst 9400, hot-swappable with full PoE+/UPOE support, 100-240 VAC input, 300K h MTBF.

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C9400-PWR-2100AC Description

The C9400-PWR-2100AC AC power supply delivers up to 2100 W of combined data and PoE power to your Catalyst 9400 chassis. Rated Platinum for $\geq 94\%$ efficiency, it supports IEEE 802.3af/at and Cisco UPOE across all ports, with 20 ms holdup, 300,000 h MTBF, hot-swap capability, and compact, rack-mount design—ideal for midsize enterprise deployments requiring reliable PoE redundancy.

Model Meaning

Model	Meaning
C9400	Catalyst 9400 Series chassis
PWR	Power supply module
2100	2100 W total output (data + PoE)
AC	AC input (100-240 VAC $\pm 10\%$), Platinum-rated efficiency

Model comparison

Feature	C9400-PWR-2100AC	C9400-PWR-3200AC	C9400-PWR-3200DC
Output Power	2100 W	3200 W	3200 W
Input Type	100-240 VAC	100-240 VAC	-48 to -60 V DC
Input Current	10.4 A @100/200 VAC	16 A @100/200 VAC	36 A per input
Integrated PoE	af/at & UPOE	af/at/bt & UPOE+	af/at/bt & UPOE+
Efficiency Rating	Platinum (≥94 %)	Platinum (≥94 %)	Platinum (≥94 %)
MTBF	300,000 h	300,000 h	300,000 h
Hold-up Time	20 ms	20 ms	8 ms
Heat Dissipation	460 BTU/hr × N	950 BTU/hr × N	950 BTU/hr × N
Hot-swappable	Yes	Yes	Yes
Redundancy Modes	N+N, N+1, Combined	N+N, N+1, Combined	N+N, N+1, Combined

Specification

Parameter	Specification	Parameter	Specification
Model	C9400-PWR-2100AC	Product Type	Platinum AC Power Supply Module
Output Power	2100 W (data + PoE)	Input Voltage	100-240 VAC ±10%
Input Current	10.4 A @100/200 VAC	Integrated PoE	Yes (af/at, UPOE)
Efficiency	Platinum (≥94 %)	MTBF	300,000 hours
Hold-up Time	20 ms	Heat Dissipation	460 BTU/hr × N
Power Factor	0.99 typical	Regulation	±1 % DC output
Operating Temp.	0-45 °C (23-113 °F)	Storage Temp.	-40-70 °C (-40-158 °F)
Relative Humidity	10-95 % noncondensing	Altitude	-60 to 3000 m
Hot-swappable	Yes	LED Indicators	Input OK (green), Output Fail (red), ID (blue)
Safety & EMC	UL, CE, CISPR22 Class A	Redundancy Modes	N+N, N+1, Combined
Power Cord Options	Country-specific C19 cables	Certifications	NEBS Level 3, ETSI, FCC

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