



C9400-PWR-3200AC DataSheet

C9400-PWR-3200AC 3200 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-3200AC Description

The C9400-PWR-3200AC AC power supply delivers robust 3200 W data and PoE power to your Catalyst 9400 chassis. Engineered for Platinum efficiency, it supports IEEE 802.3af/at/bt and Cisco UPOE+ across all ports, with hot-swap capability, 20 ms hold-up time, and a 300,000-hour MTBF for uninterrupted enterprise deployments.

Model Meaning

Model	Meaning
C9400	Catalyst 9400 Series chassis
PWR	Power supply module
3200	3200 W total output (data + PoE)
AC	AC input (100-240 VAC $\pm$ 10%), Platinum-rated

Model comparison

Feature	C9400-PWR-3200AC	C9400-PWR-2100AC	C9400-PWR-3200DC
Output Power	3200 W	2100 W	3200 W
Input Type	100-240 VAC	100-240 VAC	-48 to -60 V DC
Input Current	16 A @100/200 VAC	10.4 A @100/200 VAC	36 A per input
Input Voltage	100-240 VAC $\pm 10\%$	100-240 VAC $\pm 10\%$	-48 to -60 V DC
Integrated PoE	af/at/bt & UPOE+	af/at & UPOE	af/at/bt & UPOE+
Efficiency Rating	Platinum ($\geq 94\%$)	Platinum ($\geq 94\%$)	Platinum ($\geq 94\%$)
MTBF	300,000 h	300,000 h	300,000 h
Hold-up Time	20 ms	20 ms	8 ms
Heat Dissipation	950 BTU/hr $\times$ N	460 BTU/hr $\times$ N	950 BTU/hr $\times$ N
Hot-swappable	Yes	Yes	Yes

Specification

Parameter	Specification	Parameter	Specification
Model	C9400-PWR-3200AC	Product Type	Platinum AC Power Supply Module
Output Power	3200 W (data + PoE)	Input Voltage	100-240 VAC $\pm 10\%$
Input Current	16 A @100/200 VAC	Integrated PoE	Yes (af/at/bt, UPOE+)
Efficiency	Platinum ($\geq 94\%$)	MTBF	300,000 hours
Hold-up Time	20 ms	Heat Dissipation	950 BTU/hr $\times$ N
Power Factor	0.99 typical	Regulation	$\pm 1\%$ 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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