



C9400-PWR-3200ACT DataSheet

C9400-PWR-3200ACT 3200 W AC power supply for Catalyst 9400 Series, hot-swappable with full PoE+/UPOE+, 300,000 h MTBF, 100-240 VAC input.

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C9400-PWR-3200ACT Description

The C9400-PWR-3200ACT AC power supply delivers 3200 W of combined data and PoE power to your Catalyst 9400 Series chassis. Engineered for high efficiency and redundancy, it supports IEEE 802.3af/at/bt and Cisco UPOE+ on all ports simultaneously, with hot-swap capability, integrated PoE management, and a 300,000-hour MTBF. Ideal for enterprise access and aggregation deployments requiring robust, uninterrupted power for high-density PoE environments.

Model Meaning

Model	Meaning
C9400	Catalyst 9400 Series chassis
PWR	Power supply
3200	3200 W output power
AC	Alternating-current (100-240 VAC input)
T	Platinum-efficiency (Titanium/PFC) design

Model comparison

Feature	C9400-PWR-3200ACT	C9400-PWR-2100AC	C9400-PWR-3200DC
Output Power	3200 W	2100 W	3200 W
Input Type	100-240 VAC	100-240 VAC	-48-60 V DC
PoE Support	af/at/bt, UPOE+	af/at, UPOE	af/at/bt, UPOE+
Efficiency Rating	Platinum	Platinum	Platinum
MTBF	300,000 h	300,000 h	300,000 h
Heat Dissipation	950 BTU/hr × N	460 BTU/hr × N	950 BTU/hr × N
Hold-up Time	20 ms	20 ms	8 ms
Hot-swappable	Yes	Yes	Yes
Redundancy Modes	N+N, N+1, Combined	N+N, N+1, Combined	N+N, N+1, Combined
Integrated PoE Management	Yes	Yes	Yes

Specification

Parameter	Specification	Parameter	Specification
Model	C9400-PWR-3200ACT	Product Type	AC Power Supply Module
Output Power	3200 W (data + PoE)	Input Voltage	100-240 VAC ±10%
Input Current	16 A @100 VAC; 16 A @200 VAC	Integrated PoE	Yes (IEEE 802.3af/at/bt, UPOE+)
Efficiency	Platinum (≥94%)	MTBF	300,000 hours
Hold-up Time	20 ms	Heat Dissipation	950 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-swap	Yes	LED Indicators	Input OK, Output Fail, ID
Fan-free	Chassis-based cooling	Safety & EMC	UL, CE, CISPR22 Class A
Redundancy Modes	N+N, N+1, Combined	Power Cord	Country-specific C19
Certifications	NEBS Level 3, ETSI, FCC	Smart Management	Smart Accounts, SSM

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