



C9400-PWR-3200DC DataSheet

C9400-PWR-3200DC 3200 W DC power supply for Catalyst 9400, hot-swappable with full PoE+/UPOE+ support, -48 to -60 V DC input, 300 000 h MTBF

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C9400-PWR-3200DC Description

The C9400-PWR-3200DC DC power supply provides up to 3200 W of combined data and PoE power to your Catalyst 9400 chassis. Designed for high availability, it supports IEEE 802.3af/at/bt and Cisco UPOE+ on all ports, with hot-swap capability, an 8 ms hold-up, 300 000 h MTBF, and robust 950 BTU/hr dissipation for demanding enterprise PoE deployments.

Model Meaning

Model	Meaning
C9400	Catalyst 9400 Series chassis
PWR	Power-supply module
3200	3200 W total output (data + PoE)
DC	-48 to -60 V DC input (+20 / -16.6 %, full-range)

Model comparison

Feature	C9400-PWR-3200DC	C9400-PWR-3200AC	C9400-PWR-2100AC
Output Power	3200 W	3200 W	2100 W
Input Type	-48 to -60 V DC	100-240 VAC	100-240 VAC
Input Current	36 A per input	16 A @100/200 VAC	10.4 A @100/200 VAC
Integrated PoE	af/at/bt & UPOE+	af/at/bt & UPOE+	af/at & UPOE
MTBF	300 000 h	300 000 h	300 000 h
Hold-up Time	8 ms	20 ms	20 ms
Heat Dissipation	950 BTU/hr × N	950 BTU/hr × N	460 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-3200DC	Product Type	DC Power Supply Module
Output Power	3200 W (data + PoE)	Input Voltage	-48 to -60 V DC
Input Current	36 A per input (72 A total)	Integrated PoE	Yes (af/at/bt, UPOE+)
Efficiency	Platinum-rated	MTBF	300,000 hours
Hold-up Time	8 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-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
Connector Type	DC bus connector	Certifications	NEBS Level 3, ETSI, FCC

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