

Cisco Power Calculator -Power Results



Disclaimer: The Cisco Power Calculator is intended to be an educational resource and a starting point in planning your power requirement; it is not a final recommendation from Cisco. This tool does not check for software compatibility. To determine the power requirements and software most appropriate for your company we suggest you work with a Cisco representative, Cisco channel partner or a solutions provider.

Product Family:Catalyst 9300

WARNING :

Your configuration has exceeded the maximum of power this switch has allocated devices. Please remove PoE device(s) and the calculator will recalculate your power requirements.

Power Consumption/Heat Dissipation Summary					
Product	Percentage of PoE Power used	Total PoE Output Power Available (W)	Total PoE Output Power Used (W)	Total PoE Output Power Remaining (W)	Total Heat Dissipation (BTU/Hr)
C9300-48P-E(715W)	Please refer to the warning message at the top	437.00	739.20	0.00	1177.49

Switch Details		
Product	Switch Power Consumption (with no PoE Devices)(W)	Heat Dissipation (with no PoE Devices)(BTU/Hr)
C9300-48P-E(715W)	128.0	546.40

Quick Facts



Selected Product	C9300-48P-E(715W)
Product Description	Stackable 48 10/100/1000 Ethernet PoE+ ports, with 715W AC power supply
Rack Unit	1

Power Supply Details

Minimum Power Supply	Percentage of Power Used	Total available PoE power for this PSU (W)	Total Output Power Used (W)	Total Output Power Remaining (W)
PWR-C1-350WAC=	93.93% 	787.00	739.20	47.80
Second Power Supply Options	Percentage of Power used	Total available PoE power for this PSU combination (W)	Total Output Power Used (W)	Total Output Power Remaining (W)
PWR-C1-715WAC=	64.17% 	1152.00	739.20	412.80
PWR-C1-1100WAC=	51.33% 	1440.00	739.20	700.80

PoE Devices Details

PoE Devices	Quantity	Powered Device Output Power (W)	Heat Dessipation (BTU/Hr)
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IEEE 802.3af Device - Class 3 (15.4W)	48	739.20	631.09
		Output Power (W)	Heat Dessipation (BTU/Hr)
	Total	739.20	631.09