

PoE Power Capacity Guide

Enterprise Access Point
Smart Access Point
IP Camera
Power Consumption of AP & IP Camera

Catagory	Model	PoE Switch Total Power Budget	PoE Port	Number of PoE Port	Supported PoE Standards	PoE Power Output per Port	Number of APs/IP Cameras a Single Switch Can Power								Switch Supports RPS (for Expanding Total PoE Power Budget)
							DAP-X2810	DAP-X2850	DAP-X3060	DAP-X3060OU	DAP-E9560	DBR-X3000-AP	BCD-P01	BCB-P01	
							16W	19.44W	16.7W	16.7W	30W	12W	4.62W	4.62W	
Unmanaged Switch	DGS-1008P (Fx)	60W	Port 1~4	4	af/at	30W	3	3	3	3	2	4	4	4	
	DMS-108P	230W	Port 1~8 (2.5G Base-T ports)	8	af/at/bt	Port 1~8 bt 90W	8	8	8	8	8	8	8	8	
Smart Managed Switch	DGS-1210-10P	65W	Port 1~8	8	af/at	30W	4	3	3	3	2	5	8	8	
	DGS-1210-10MP	130W	Port 1~8	8	af/at	30W	8	6	7	7	4	8	8	8	
	DGS-1210-28P	193W	Port 1~24	24	af/at	30W	12	9	11	11	6	16	24	24	
	DGS-1210-28MP	370W	Port 1~24	24	af/at	30W	23	19	22	22	13	24	24	24	
	DGS-1210-52MP	370W	Port 1~48	48	af/at	30W	23	19	22	22	13	30	48	48	
	DGS-1250-28XMP	370W	Port 1~24	24	af/at	30W	23	19	22	22	13	24	24	24	
	DGS-1250-52XMP	370W	Port 1~48	48	af/at	30W	23	19	22	22	13	30	48	48	
	DMS-1250-10SPL	120W	Port 1~8 (2.5G Base-T ports)	8	af/at/bt	Port 1~2 bt 60W Port 3~8 30W	7	6	7	7	4	8	8	8	
	DMS-1250-10SP	240W	Port 1~8 (2.5G Base-T ports)	8	af/at	30W	8	8	8	8	8	8	8	8	
	DMS-1250-12TP	240W	Port 1~8 (2.5G Base-T ports)	8	af/at	30W	8	8	8	8	8	8	8	8	
	DMS-1250-18P	370W	Port 1~16 (2.5G Base-T ports)	16	af/at/bt	Port 1~16 bt 90W	16	16	16	16	13	16	16	16	
	DMS-1250-28P	475W	Port 1~24 (2.5G Base-T ports)	24	af/at/bt	Port 1~24 bt 90W	24	24	24	24	17	24	24	24	
Stackable Smart Switch	DGS-1510-28P	193W	Port 1~24	24	af/at	30W	12	9	11	11	6	16	24	24	
	DGS-1510-28XMP	370W	Port 1~24	24	af/at	30W	23	19	22	22	13	24	24	24	
	DGS-1510-52XMP	370W	Port 1~48	48	af/at	30W	23	19	22	22	13	30	48	48	When paired with DPS-700, PoE budget can be expanded to 740W
	DGS-1520-28MP	370W	Port 1~24	24	af/at	30W	23	19	22	22	13	24	24	24	When paired with DPS-700, PoE budget can be expanded to 740W
	DGS-1520-52MP	370W	Port 1~48	48	af/at	30W	23	19	22	22	13	30	48	48	When paired with DPS-700, PoE budget can be expanded to 740W
	DGS-1530-28P	370W	Port 1~24	24	af/at	30W	23	19	22	22	13	24	24	24	
	DGS-1530-52P	370W	Port 1~48	48	af/at	30W	23	19	22	22	13	30	48	48	When paired with DPS-700, PoE budget can be expanded to 740W

*The number of APs a single switch can power is calculated based on the maximum power consumption.
 *For DAP-E9560, it is recommended to prioritize bt-level PoE (10G network speed). If using at-level PoE, the network speed will be limited to 2.5G.

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							DAP-X2810	DAP-X2850	DAP-X3060	DAP-X3060OU	DAP-E9560	DBR-X3000-AP	BCD-P01	BCB-P01	
							16W	19.44W	16.7W	16.7W	30W	12W	4.62W	4.62W	
Aggregation Switch	DGS-3130-30PS	370W	Port 1~24	24	af/at	30W	23	19	22	22	13	24	24	24	When paired with DPS-700, PoE budget can be expanded to 740W
	DGS-3130-54PS	370W	Port 1~48	48	af/at	30W	23	19	22	22	13	30	48	48	When paired with DPS-700, PoE budget can be expanded to 740W
	DMS-3130-30PS	740W	Port 1~24 (2.5G & 5G Base-T ports)	24	af/at/bt	Port 1~16 30W Port 17~24 bt 60W	24	24	24	24	24	24	24	24	When paired with DPS-PWR740AC or DPS-PWR740DC (AC/DC hot-swappable power modules), PoE budget can be expanded to 960W
	DXS-3130-28P	790W	Port 1~24 (10G Base-T ports)	24	af/at/bt	Port 1~24 bt 60W	24	24	24	24	24	24	24	24	When paired with DPS-PWR1200AC or DPS-PWR1200DC (AC/DC hot-swappable power modules), PoE budget can be expanded to 1440W
Core Switch	DGS-3630-28PC	370W	Port 1~24 (port 21~24 are Base T/SFP combo)	24	af/at	30W	23	19	22	22	13	24	24	24	When paired with DPS-700, PoE budget can be expanded to 740W
	DGS-3630-52PC	370W	Port 1~48 (port 45~48 are Base T/SFP combo)	48	af/at	30W	23	19	22	22	13	30	48	48	When paired with DPS-700, PoE budget can be expanded to 740W
Industrial Unmanaged Switch	DIS-100G-06P	120W	Port 1~4	4	af/at	30W	4	4	4	4	4	4	4	4	
	DIS-100G-10P	240W	Port 1~8	8	af/at	30W	8	8	8	8	8	8	8	8	
Industrial Smart Switch	DIS-210G-06P	120W	Port 1~4	4	af/at	30W	4	4	4	4	4	4	4	4	
	DIS-210G-12P	240W	Port 1~8	8	af/at	30W	8	8	8	8	8	8	8	8	
	DIS-210G-12UP	240W	Port 1~8	8	af/at/bt	Port 1~2 bt 60W Port 3~8 30W	8	8	8	8	8	8	8	8	

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