



Standard 48 PoE (Gen1)

Spec Sheet | US-48-500W

Layer 2, PoE switch with (48) GbE, PoE+ and 24V passive PoE RJ45 ports, (2) 1G SFP ports, and (2) 10G SFP+ ports.

- (48) GbE PoE+ ports
- (2) 10G SFP+ and (2) 1G SFP ports
- 500W total PoE availability

Mechanical

Dimensions	485 x 374.6 x 43.7mm
Weight	6.1kg
Enclosure material	SGCC steel

Hardware

Management interface	Ethernet In-Band (1) RJ45 Serial port Out-of-Band
Networking interface	(48) GbE RJ45 ports (2) 1G SFP ports (2) 1/10G SFP+ ports
PoE interface	(48) PoE/PoE+ (Pins 1, 2+; 3, 6-) 24V DC Passive PoE (Pins 4, 5+; 7, 8-)
Total non-blocking throughput	70 Gbps
Switching capacity	140 Gbps
Forwarding Rate	104.16 Gbps
Power method	Universal input, 100-240V AC, 50/60Hz
Power supply	AC/DC, internal, 500W
Supported voltage range	100—240V AC
Max. power consumption	Excluding PoE output: 60W Including PoE output: 500W
Total available PoE	500W
Max. PoE wattage per port by PSE	24V Passive PoE: 17W PoE+: 34W

Voltage range PoE mode	24V Passive PoE: 20-27V PoE+: 50-57V
ESD/EMP protection	Air: ± 24kV, contact: ±24kV
Sound level	
Fan level 0	10.7 dBr
Fan level 1	16.2 dBr
Fan level 2	19.3 dBr
Fan level 3	23.6 dBr
Shock and vibration	ETSI300-019-1.4 Standard
Ambient operating temperature	-5 to 40°C
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC
LEDs	
System	Status
Ethernet	PoE Speed/link/activity
SFP	Link/activity