



Technical Specifications

This appendix lists the switch technical specifications in [Table A-1](#) to [Table A-8](#).

Table A-1 *Technical Specifications for the Catalyst 3560-24PS Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 5.5 A to 2.8 A, 50 to 60 Hz
DC input voltage for RPS 675	+ 12 V $\overline{\text{---}}$ @ 7.5 A and – 48 V $\overline{\text{---}}$ @ 7.8 A
Power consumption	485 W
Power dissipation	115 W, 393 BTUs per hour
Power rating	0.485 kVA
Power over Ethernet	
15.4 W per port maximum, 370 W switch maximum	
Physical Dimensions	
Weight	11.3 lb (5.14 kg)
Dimensions (H x D x W)	1.73 x 11.81 x 17.5 in. (4.39 x 30 x 44.45 cm)

Table A-2 *Specifications for the Catalyst 3560-48PS Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 5.5 to 2.8 A, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V $\overline{=}$ @7.5 A and – 48 V $\overline{=}$ @7.8 A
Power consumption	530 W
Power dissipation	160 W, 546 BTUs per hour
Power rating	0.53 kVA
Power over Ethernet	
Range from 4 to 15.4 W per port, up to 370 W switch maximum	
Physical Dimensions	
Weight	13.2 lb (6 kg)
Dimensions (H x D x W)	1.73 x 14.85 x 17.5 in. (4.39 x 37.72 x 44.45 cm)

Table A-3 *Specifications for the Catalyst 3560-24TS-S Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 450 to 190 mA, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V _{DC} @ 5 A
Power consumption	45 W
Power dissipation	45 W, 154 BTUs per hour
Power rating	0.075 kV
Physical Dimensions	
Weight	8.5 lb (3.9 kg)
Dimensions (H x D x W)	1.73 x 11.81 x 17.5 in. (4.39 x 30 x 44.45 cm)

Table A-4 *Specifications for the Catalyst 3560-48TS-S Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 650 to 270 mA, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V _{DC} @ 5 A
Power consumption	65 W
Power dissipation	65 W, 222 BTUs per hour
Power rating	0.110 kVA
Physical Dimensions	
Weight	9.1 lb (4.1 kg)
Dimensions (H x D x W)	1.73 x 11.81 x 17.5 in. (4.39 x 30 x 44.45 cm)

Table A-5 *Specifications for the Catalyst 3560G-24TS Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 1.5 to 3 A, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V [–] @ 10.5 A
Power consumption	100 W
Power dissipation	100 W, 314 BTUs per hour
Power rating	0.10 kVA
Physical Dimensions	
Weight	12 lb (5.44 kg)
Dimensions (H x D x W)	1.73 x 14.9 x 17.5 in. (4.39 x 37.8 x 44.45 cm)

Table A-6 *Specifications for the Catalyst 3560G-24PS Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 4 to 8 A, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V $\overline{---}$ @ 14 A and – 48 V $\overline{---}$ @ 7.8 A
Power consumption	520 W
Power dissipation	170 W, 534 BTUs per hour
Power rating	0.52 kVA
Power over Ethernet	
Range from 4 to 15.4 W per port, up to 370 W switch maximum	
Physical Dimensions	
Weight	13.5 lb (6.1 kg)
Dimensions (H x D x W)	1.73 x 14.9 x 17.5 in. (4.39 x 37.8 x 44.45 cm)

Table A-7 *Specifications for the Catalyst 3560G-48TS Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 3 to 1.5 A, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V $\overline{\text{---}}$ @ 17.5 A
Power consumption	160 W
Power dissipation	160 W, 500 BTUs per hour
Power rating	0.16 kVA
Physical Dimensions	
Weight	14 lb (6.4 kg)
Dimensions (H x D x W)	1.73 x 16.1 x 17.5 in. (4.39 x 40.9 x 44.45 cm)

Table A-8 *Specifications for the Catalyst 3560G-48PS Switch*

Environmental Ranges	
Operating temperature	32 to 113°F (0 to 45°C)
Storage temperature	–13 to 158°F (–25 to 70°C)
Relative humidity	10 to 85% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4573 m)
Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 4 to 8 A, 50 to 60 Hz
DC input voltages for RPS 675	+ 12 V $\overline{---}$ @ 14 A and – 48 V $\overline{---}$ @ 7.8 A
Power consumption	560 W
Power dissipation	220 W, 690 BTUs per hour
Power rating	0.56 kVA
Power over Ethernet	
Range from 4 to 15.4 W per port, up to 370 W switch maximum	
Physical Dimensions	
Weight	15.5 lb (7.03 kg)
Dimensions (H x D x W)	1.73 x 16.1 x 17.5 in. (4.39 x 40.9 x 44.45 cm)

