



APPENDIX **A**

Technical Specifications

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Table A-1 ***Environmental Ranges for all Catalyst 3560 Switches***

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)

Table A-2 Technical Specifications for the Catalyst 3560-24PS Switch

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 $\overline{---}$ @7.5 A and -48 V $\overline{---}$ @7.8 A
Maximum power consumption	485 W
Maximum 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-3 Specifications for the Catalyst 3560-48PS Switch

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
Maximum power consumption	530 W
Maximum 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-4 Specifications for the Catalyst 3560-24TS-S Switch

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 $\overline{---}$ @ 5 A
Power consumption	45 W
Maximum power consumption	45 W, 154 BTUs per hour
Maximum power dissipation	0.075 KVA
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-5 Specifications for the Catalyst 3560-48TS-S Switch

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 $\overline{---}$ @ 5 A
Maximum power consumption	65 W
Maximum 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-6 Specifications for the Catalyst 3560-8PC and Catalyst 3560-12PC Switches

Power Requirements	
AC input voltage	100 to 240 VAC (autoranging) 2.5 to 1.3 A, 50 to 60 Hz
Maximum power consumption	204 W
Maximum power dissipation	80 W, 12 BTUs per hour
Power rating	0.2 KVA
Power over Ethernet	
Up to 124-W switch maximum	
Physical Dimensions	
Weight	5 lb (2.3 kg)
Dimensions (H x D x W)	1.73 x 9.1 x 10.6 in. (4.4 x 23 x 26.9 cm)

Table A-7 Specifications for the Catalyst 3560G-24TS Switch

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 $\overline{---}$ @10.5 A
Maximum power consumption	100 W
Maximum 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-8 Specifications for the Catalyst 3560G-24PS Switch

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
Maximum power consumption	520 W
Maximum 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-9 Specifications for the Catalyst 3560G-48TS Switch

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
Maximum power consumption	160 W
Maximum 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-10 Specifications for the Catalyst 3560G-48PS Switch

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 $\overline{\text{---}}$ @ 14 A and -48 V $\overline{\text{---}}$ @ 7.8 A
Maximum power consumption	560 W
Maximum 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)

Table A-11 Specifications for the Catalyst 3560V2-48PS and 3560V2-24PS 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

Table A-11 Specifications for the Catalyst 3560V2-48PS and 3560V2-24PS Switch (continued)

Environmental Ranges	
DC input voltages for RPS 2300 and 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	11.3 lb (5.1 kg)
Dimensions (H x W x D)	1.73 x 17.5 x 11.8 in. (4.4 x 44.5 x 30.1 cm)

Table A-12 Specifications for the Catalyst 3560V2-48TS and 3560V2-24TS 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) 0.8 to 1.5 A, 50 to 60 Hz
DC input voltages for RPS 2300 and 675	+12 V $\overline{=}$ @17 A
Power consumption	180 W, 615 BTUs per hour
Power rating	0.180 kVA
Physical Dimensions	
Weight	8.5 lb (3.9 kg)
Dimensions (H x W x D)	1.73 x 11.81 x 17.5 in. (4.4 x 30 x 44.45 cm)

Table A-13 Specifications for the Catalyst 3560V2-24TS-SD 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)

Table A-13 *Specifications for the Catalyst 3560V2-24TS-SD Switch (continued)*

Environmental Ranges	
Power Requirements	
DC input voltage	–36 to –72 VDC 3 to 1.5 A
Power consumption	94 W, 321 BTUs per hour
Physical Dimensions	
Weight	9 lb (4.1 kg)
Dimensions (H x W x D)	1.73 x 17.5 x 11.8 in. (4.4 x 44.5 x 30.1 cm)

