



APPENDIX **A**

Technical Specifications

Table A-1 XPS 2200 Environmental and Physical Specifications

Environmental Ranges	
Operating temperature	23 to 113°F (–5 to 45°C)
Storage temperature	–40 to 158°F (–40 to 70°C)
Relative humidity	Operating and nonoperating: 10 to 95% (noncondensing)
Operating altitude	Up to 10,000 ft (3000 m)
Storage altitude	Up to 15,000 ft (4570 m)
Physical Specifications	
	Dimensions (H x W x D)
Without power supply modules	1.75 x 17.5 x 18 in. (4.5 x 44.5 x 45.7 cm) 10.8 lb (4.9 kg)
With one C3K-PWR-1100W AC power supply module ¹	1.75 x 17.5 x 19.5 in. (4.5 x 44.5 x 49.5 cm) 13.8 lb (6.3 kg)
With two C3K-PWR-1100W AC power supply modules	1.75 x 17.5 x 19.5 in. (4.5 x 44.5 x 49.5 cm) 16.8 lb (7.6 kg)
With one C3K-PWR-715W AC power supply module	1.75 x 1.75 x 18 in. (4.5 x 44.5 x 45.7 cm) 13.6 lb (6.2 kg)
With two C3K-PWR-715W AC power supply modules	1.75 x 1.75 x 18 in. (4.5 x 44.5 x 45.7 cm) 16.4 lb (7.4 kg)
With one C3K-PWR-350W AC power supply module	1.75 x 1.75 x 18 in. (4.5 x 44.5 x 45.7 cm) 13.5 lb (6.1 kg)
With two C3K-PWR-350W AC power supply modules	1.75 x 1.75 x 18 in. (4.5 x 44.5 x 45.7 cm) 16.2 lb (7.3 kg)

1. The C3KX-PWR-1100 W AC power supply extends 1.5 in. (3.8 cm) beyond the switch chassis

Table A-2 AC-Power Supply Specifications

Description	C3K-PWR-1100WAC	C3K-PWR-715WAC	C3K-PWR-350WAC
Maximum output power	1100 W	715 W	350 W
Input voltage range and frequency	115–240 VAC (autoranging) 50–60 Hz	100–240 VAC 50–60 Hz	100–240 VAC 50–60 Hz
Input current	12–6 A	10–5 A	4–2 A
Output ratings	–56 V @ 19.64 A	–56 V @ 12.8 A	–56 V @ 6.25 A
Total input BTU ¹	4263 Btus per hour, 1250 W	2742 Btus per hour, 804 W	1357 Btus per hour, 398 W

1. The total input BTU ratings refer to power from the power source to the power supply. Total output BTU ratings refer to power output from the power supply to the switch. The BTU ratings are based on 100 VAC for the 350-W and 715-W power supplies and 115 VAC for the 1100-W power supply.

Table A-3 DC-Power Supply Specifications

Description	C3KX-PWR-440WDC
Maximum output power	440 W
Input current	16–8 A
DC input voltage	–36 to –72 VDC
Output ratings	–56 V @ 7.86 A
Voltage range	–36 VDC (minimum), –48 VDC (nominal), –72 VDC (maximum)
Total input BTU ¹	1841 Btus per hour, 540 W
Total output BTU ¹	1502 Btus per hour, 440 W
Wire gauge for ground connection	12 AWG or 8 AWG
Branch circuit protection	20 A

1. The total input BTU ratings refer to power from the power source to the power supply. Total output BTU ratings refer to power output from the power supply to the switch. The BTU ratings are based on –36 VDC.

Table A-4 Regulatory Standards Compliance for the XPS 2200

Specification	Description
Regulatory Compliance	Products with the CE Marking are compliant with the 89/336/EEC and 73/23/EEC directives, which include the safety and EMC standards listed.
Safety	UL 60950-1 CAN/CSA C22.2 No. 60950-1 EN 60950-1 IEC 60950-1 GB4943 CE Marking
EMC	FCC Part 15 Class A EN 55022 (CISPR22) EN 55024 (CISPR24) VCCI Class A AS/NZS CISPR22 Class A CE MIC GOST China EMC Certifications

