



APPENDIX A

Server Specifications

This appendix lists the technical specifications for the server and includes the following sections:

- [Physical Specifications, page A-1](#)
- [Power Specifications, page A-2](#)
- [Environmental Specifications, page A-3](#)

Physical Specifications

[Table A-1](#) lists the physical specifications for the server.

Table A-1 *Physical Specifications*

Description	Specification
Height	3.4 in. (8.76 cm)
Width (including slam-latches)	16.9 in. (43.00 cm)
Depth	26.0 in. (66.05 cm)
Weight (fully loaded)	Small Form Factor: 47.2 lbs. (21.4 Kg)
	Large Form Factor: 53.2 lbs. (24.1 Kg)

Power Specifications

The power specifications for the two power supply options are listed in the following sections:

- [450W Power Supply, page A-2](#)
- [650W Power Supply, page A-3](#)

You can get more specific power information for your exact server configuration by using the Cisco UCS Power Calculator:

http://www.cisco.com/assets/cdc_content_elements/flash/dataCenter/cisco_ucs_power_calculator/

450W Power Supply

[Table A-2](#) lists the specifications for each 450W power supply (Cisco part number UCSC-PSU-450W).

Table A-2 **Power Supply Specifications**

Description	Specification
AC input voltage range	90 to 264 VAC self-ranging Low range: 100 VAC to 120 VAC nominal High range: 200 VAC to 240 VAC nominal
AC input frequency	Range: 47 to 63 Hz (single phase, 50 to 60Hz nominal)
AC line input current (steady state)	6.0 A peak at 100 VAC 3.0 A peak at 208 VAC
Maximum AC inrush current	9 A
Maximum output power for each power supply	450 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

650W Power Supply

Table A-3 lists the specifications for each 650W power supply (Cisco part number UCSC-PSU-650W).

Table A-3 Power Supply Specifications

Description	Specification
AC input voltage range	90 to 264 VAC self-ranging Low range: 100 VAC to 120 VAC nominal High range: 200 VAC to 240 VAC nominal
AC input frequency	Range: 47 to 63 Hz (single phase, 50 to 60Hz nominal)
AC line input current (steady state)	7.6 A peak at 100 VAC 3.65 A peak at 208 VAC
Maximum AC inrush current	11 A
Maximum output power for each power supply	650 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

Environmental Specifications

Table A-4 lists the environmental specifications for the server.

Table A-4 Environmental Specifications

Description	Specification
Temperature, operating:	35 to 104°F (1.7 to 40°C) Derate the maximum temperature by 1°C per every 305 meters of altitude above sea level.
Temperature, non-operating	–40 to 149°F (–40 to 65°C)
Humidity (RH), noncondensing	10 to 90%
Altitude, operating	0 to 10,000 feet (0 to 3000 m)
Altitude, non-operating	0 to 40,000 feet (0 to 12,192 m)
Sound power level Measure A-weighted per ISO7779 LwAd (Bels) Operation at 73°F (23°C)	Small Form Factor: 5.9 Large Form Factor: 6.3
Sound pressure level Measure A-weighted per ISO7779 LpAm (dBA) Operation at 73°F (23°C)	Small Form Factor: 46.0 Large Form Factor: 48.5

