



APPENDIX **A**

Server Specifications

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

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

Physical Specifications

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

Table A-1 *Physical Specifications*

Description	Specification
Height	1.7 in. (4.3 cm)
Width	16.9 in. (42.9 cm)
Depth	28.5 in. (72.4 cm)
Weight (fully loaded chassis)	35.6 lb. (16.1 Kg)

Environmental Specifications

Table A-2 lists the environmental specifications for the server.

Table A-2 **Environmental Specifications**

Description	Specification
Temperature, operating:	41 to 104°F (5 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
Altitude, non-operating	0 to 40,000 feet
Sound power level Measure A-weighted per ISO7779 LwAd (Bels) Operation at 73°F (23°C)	5.4
Sound pressure level Measure A-weighted per ISO7779 LpAm (dBA) Operation at 73°F (23°C)	37

Power Specifications

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

- [450W AC Power Supply, page A-3](#)
- [650W AC Power Supply, page A-4](#)
- [930W DC Power Supply, page A-4](#)

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/



Note

Do not mix power supply types in the server. Both power supplies must be identical.

450W AC Power Supply

[Table A-3](#) lists the specifications for each 450 W AC power supply (Cisco part number UCSC-PSU-450W).

Table A-3 **Power Supply Specifications**

Description	Specification
AC input voltage range	Low range: 100 VAC to 120 VAC High range: 200 VAC to 240 VAC
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 output power for each power supply	450 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

650W AC Power Supply

Table A-4 lists the specifications for each 650 W AC power supply (Cisco part number UCSC-PSU-650W).

Table A-4 Power Supply Specifications

Description	Specification
AC input voltage range	90 to 264 VAC (self-ranging, 180 to 264 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 output power for each power supply	650 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

930W DC Power Supply

Table A-5 lists the specifications for each 930 W DC power supply (Cisco part number UCSC-PSU-930WDC).

Table A-5 930 W DC Power Supply Specifications

Description	Specification
Class	RSP1
Input	
DC input voltage range	–48 to –60 VDC nominal (self-ranging, –40 to –72 VDC)
DC line input current (steady state)	23 A peak at –48 VDC
Output	
12 V main power output	930 W
12 V standby power output	30 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC