



Server Specifications

This appendix lists the technical specifications for the Cisco UCS C460 M4 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	6.9 in (175.8 mm)
Width	17.6 in (447 mm)
Length (including front handles and power supplies)	32.7 in (830 mm)
Length (including inner rack rail)	33.6 in (853 mm)
Weight (maximum configuration)	130 lbs (59 kg)
Weight (maximum configuration plus slide rails and cable management arm)	142 lbs (64 kg)

Environmental Specifications

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

Table A-2 *Environmental Specifications*

Description	Specification
Temperature, operating	5°C to 35°C (41°F to 95°F)
Temperature, nonoperating	-40°C to 65°C (-40°F to 149°F)
Humidity, operating	10% to 90%
Humidity, nonoperating	5% to 93%
Altitude, operating Derated 1°C for each 305 m	0 m to 3048 m (0 ft to 10,000 ft)
Altitude, nonoperating	0 m to 12,192 m (0 ft to 40,000 ft)
Acoustic noise, idle	LWAd 6.6 Bel (66.4 dBA) LpAm TBD dBA

Power Specifications

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

- [1200 W AC Power Supply, page A-3](#)
- [1400 W AC 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://ucspowercalc.cisco.com>

1200 W AC Power Supply

[Table A-3](#) lists the specifications for each 1200 W AC power supply (Cisco part number UCSC-PSU2V2-1200W=).

Table A-3 1200 W AC Power Supply Specifications

Description	Specification
AC input voltage	Nominal range: 100–120 VAC, 200–240 VAC (Range: 90–132 VAC, 180–264 VAC)
AC input frequency	Nominal range: 50 to 60Hz (Range: 47–63 Hz)
Maximum AC input current	11 A at 100 VAC 7 A at 200 VAC
Maximum input volt-amperes	1456 VA
Maximum output power per PSU	800 W at 100–120 VAC 1200 W at 200–240 VAC
Maximum inrush current	35 A (sub-cycle duration)
Maximum hold-up time	12 ms at 1200 W
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	RSP1
Input connector	IEC60320 C14

1400 W AC Power Supply

Table A-4 lists the specifications for each 1400 W AC power supply (Cisco part number UCSC-PSU2V2-1400=).

Table A-4 1400 W AC Power Supply Specifications

Description	Specification
AC input voltage	Nominal range: 200–240 VAC (Range: 180–264 VAC)
AC input frequency	Nominal range: 50 to 60Hz (Range: 47–63 Hz)
Maximum AC input current	8.5 A at 200 VAC
Maximum input volt-amperes	1700 VA
Maximum output power per PSU	1400 W at 200–240 VAC
Maximum inrush current	<30 A at 25° C (sub-cycle duration)
Maximum hold-up time	12 ms at 1200 W
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	RSP1
Input connector	IEC60320 C14