



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-6](#)

Physical Specifications

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

Table A-1 *Physical Specifications*

Description	Specification
Height	3.4 in. (8.70 cm)
Width (including slam latches)	19.0 in. (48.26 cm)
Depth (length)	29.0 in. (73.70 cm)
Depth, including slam latches and power supply handles	31.5 in. (80.00 cm)
Maximum Weight (fully loaded)	SFF 8-drive: 52.9 lb. (24.0 Kg) SFF 16-drive: 58.9 lb. (26.7 Kg) SFF 24-drive: 62.7 lb. (28.4 Kg) LFF 12-drive: 67.5 lb. (30.6 Kg)

Power Specifications

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

- [650 W AC Power Supply, page A-2](#)
- [1200 W AC Power Supply, page A-3](#)
- [1400 W AC Power Supply, page A-4](#)
- [930 W DC \(Version 2\) Power Supply, UCSC-PSU2V2-930DC, page A-5](#)
- [930 W DC \(Version 1\) Power Supply, UCSC-PSU-930WDC, page A-5](#)

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

<http://ucspowercalc.cisco.com>

650 W AC Power Supply

[Table A-2](#) lists the specifications for each 650 W AC power supply (Cisco part number UCSC-PSU2V2-650W=).

Table A-2 650 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	7.6 A at 100 VAC 3.65 A at 208 VAC
Maximum input volt-amperes	760 VA at 100 VAC
Maximum output power per PSU	650 W
Maximum inrush current	35 A (sub-cycle duration)
Maximum hold-up time	12 ms at 650 W
Power supply output voltage	12 VDC
Power supply standby voltage	3.3 VDC
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	RSP1
Input connector	IEC60320 C14

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-2 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

930 W DC (Version 2) Power Supply, UCSC-PSU2V2-930DC

Table A-6 lists the specifications for each 930 W DC power supply (Cisco part number UCSC-PSU2V2-930DC=).

Table A-5 930 W DC Version 2 Power Supply Specifications

Description	Specification
DC input voltage range	Nominal range: –48 to –60 VDC nominal (Range: –40 to –60 VDC)
Maximum DC input current	28 A at –40 VDC
Maximum input W	1104 W
Maximum output power per PSU	930 W
Maximum inrush current	35 A (sub-cycle duration)
Maximum hold-up time	5 ms at 930 W
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	> 92% at 50% load
Form factor	RSP1 (C-Series 2U and 4U servers)
Input connector	Fixed 3-wire block

930 W DC (Version 1) Power Supply, UCSC-PSU-930WDC

Table A-6 lists the specifications for each 930 W DC power supply (Cisco part number UCSC-PSU-930WDC=).

Table A-6 930 W DC Version 1 Power Supply Specifications

Description	Specification
DC input voltage range	Nominal range: –48 to –60 VDC nominal (Range: –40 to –60 VDC)
Maximum DC input current	23 A at –48 VDC
Maximum input W	1104 W
Maximum output power per PSU	930 W
Maximum inrush current	35 A (sub-cycle duration)
Maximum hold-up time	8 ms at 930 W
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	> 92% at 50% load
Form factor	RSP1 (C-Series 2U and 4U servers)
Input connector	Removable connector block UCSC-CONN-930WDC=

Environmental Specifications

Table A-7 lists the environmental specifications for the server.

Table A-7 *Environmental Specifications*

Description	Specification
Temperature, operating	41 to 95°F (5 to 35°C) Derate the maximum temperature by 1°C per every 305 meters of altitude above sea level.
Temperature, nonoperating (when the server is in storage or is transported)	–40 to 149°F (–40 to 65°C)
Humidity (RH), operating	10 to 90%
Humidity, non-operating	5 to 93%
Altitude, operating	0 to 10,000 feet
Altitude, nonoperating (when the server is in storage or is transported)	0 to 40,000 feet
Sound power level Measure A-weighted per ISO7779 LwAd (Bels) Operation at 73°F (23°C)	5.8
Sound pressure level Measure A-weighted per ISO7779 LpAm (dBA) Operation at 73°F (23°C)	43