System Specifications

This appendix lists the technical specifications for the Cisco UCS S3260 Storage Server and includes the following sections:

System Physical Specifications

Table A-1 lists the physical specifications for the system.

Table A-1 Physical Specifications

Description	Specification
Height	6.88 in (174 mm)
Width	17.46 in (444 mm)
Length (including front handles)	33.54 in (852 mm)
Length (including front handles and slide rails with CMA)	40.30 in (1024 mm)
Weight (maximum configuration)	195 lbs (88 kg)

System Environmental Specifications

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

Table A-2   Environmental Specifications

Description	Specification
Temperature, operating	5ºC to 35ºC (41ºF to 95ºF)
Temperature, nonoperating	–40ºC to 65ºC (–40ºF to 149ºF)
Humidity, operating	10% to 90% non-condensing
Humidity, nonoperating	5% to 93% non-condensing
Altitude, operating Derated 1ºC 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, operating	LWAd 5.4 Bel LpAm 38 dBA

Power Specifications

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

- 1050 W AC Power Supply (UCSC-PSU1-1050W), page A-3
- 1050 W DC Power Supply (UCSC-PSUV2-1050DC), 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

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

Note   The voltage sensor reading via PMBus for the power supplies in all UCS servers has +/- 5% tolerance.

1050 W AC Power Supply (UCSC-PSU1-1050W)

Table A-3 lists the specifications for each 1050 W AC power supply (Cisco part number UCSC-PSU1-1050W).

Table A-3   1050 W 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	1250 VA at 100 VAC
Maximum output power per PSU	1050 W at 200–240 VAC main power 30W at 200-240 VAC standby power
Maximum inrush current	15 A (sub-cycle duration)
Maximum hold-up time	12 ms at 770 W
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	RSP2
Input connector	IEC320 C14

1050 W DC Power Supply (UCSC-PSUV2-1050DC)

Table A-4 lists the specifications for each 1050 W DC power supply (Cisco part number UCSC-PSUV2-1050DC).

Table A-4   Power Supply Specifications

Description	Specification
DC input voltage range	Nominal range: –48 to –60 VDC nominal (Range: –40 to –72 VDC)
Maximum DC input current	32 A at –40 VDC
Maximum input W	1234 W
Maximum output power per PSU	1050 W on 12 VDC main power 36 W on 12 VDC standby power
Maximum inrush current	35 A (sub-cycle duration)
Maximum hold-up time	5 ms at 100% load (1050 W main and 36 W standby)
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	≥ 92% at 50% load
Form factor	RSP2
Input connector	Fixed 3-wire block