



# Controller Specifications

This appendix lists the technical specifications for the controller.

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## Physical Specifications

*Table 1: Physical Specifications*

| Description                           | Specification                   |
|---------------------------------------|---------------------------------|
| Height                                | 1.7 in. (4.3 cm)                |
| Width                                 | 16.9 in. (42.9 cm)              |
| Depth                                 | 29.8 in. (75.8 cm)              |
| Maximum weight (fully loaded chassis) | SFF 8-drive: 37.9 lb. (17.2 kg) |

## Environmental Specifications

*Table 2: Environmental Specifications*

| Description   | Specification  |
|---|--|
| Temperature, operating  | 41 to 104°F (5 to 40°C)<br>Derate the maximum temperature by 1°C per every 305 meters (1000 ft) of altitude above sea level. |
| Temperature, non-operating (when the controller is stored or transported) | -40 to 149°F (-40 to 65°C)   |
| Humidity (RH), noncondensing  | 10 to 90%  |

| Description   | Specification  |
|---|----------------|
| Altitude, operating   | 0 to 10,000 ft |
| Altitude, non-operating(when the controller is stored or transported)                         | 0 to 40,000 ft |
| Sound power level<br>Measure A-weighted per ISO7779 LwAd (Bels)<br>Operation at 73°F (23°C)   | 5.4            |
| Sound pressure level<br>Measure A-weighted per ISO7779 LpAm (dBA)<br>Operation at 73°F (23°C) | 37             |

## Power Specifications



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

### 770 W AC Power Supply

Table 3: Power Supply Specifications, on page 2 lists the specifications for each 770 W AC power supply (Cisco part number UCSC-PSU1-770W).

**Table 3: Power Supply Specifications**

| Description                                | Specification  |
|--|--|
| AC input voltage range                     | 90 to 264 VAC<br>(Self-ranging, 100 to 264 VAC nominal)  |
| AC input frequency                         | Range: 47 to 63 Hz<br>(Single phase, 50 to 60Hz nominal) |
| AC line input current (steady state)       | 9.5 A peak at 100 VAC<br>4.5 A peak at 208 VAC           |
| Maximum output power for each power supply | 770 W  |
| Power supply output voltage                | Main power: 12 VDC<br>Standby power: 12 VDC              |