



Controller Specifications

This appendix lists the technical specifications for the controller.

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Physical Specifications

Table 1: Physical Specifications for the Controller

Description	Specification
Height	3.4 in. (8.70 cm)
Width (including slam latches)	19.0 in. (48.26 cm)
Depth	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)

Power Specifications

1200 W AC Power Supply

Table 2: 1200 W AC 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)

Description	Specification
AC line input current (steady state)	11A peak at 100 VAC 7 A peak at 208 VAC
Maximum output power for each power supply	1200 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

930 W DC Power Supply

Table 3: 930 W DC Power Supply Specifications

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

Environmental Specifications

Table 4: Environmental Specifications for the Controller

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 controller is in storage or is transported)	–40° to 149°F (–40° to 65°C)

Description	Specification
Humidity (RH), noncondensing	10 to 90%
Altitude, operating	0 to 10,000 feet
Altitude, nonoperating (when the controller 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

