



## System Specifications

- [Environmental Specifications, on page 1](#)
- [Switch Dimensions, on page 1](#)
- [Switch and Module Weights, on page 2](#)
- [2000-W AC Power Supply Specifications, on page 2](#)
- [2000-W DC Power Supply Specifications, on page 2](#)
- [2000-W HVAC/HVDC Power Supply Specifications, on page 3](#)
- [AC Power Cable Specifications, on page 3](#)
- [DC Power Cable Specifications, on page 4](#)
- [HVAC/HVDC Power Cable Specifications, on page 4](#)

## Environmental Specifications

Environment		Specification
Temperature	Ambient operating temperature	32 to 104°F (0 to 40°C)
	Ambient nonoperating	–40 to 158°F (–40 to 70°C)
Humidity	Ambient operating	5 to 90%
	Ambient nonoperating	5 to 95%
Altitude	Ambient operating altitude	0 to 5,000 feet (0 to 1524 m)
	Ambient nonoperating	–1000 to 30,000 feet (–304 to 15,150 m)

## Switch Dimensions

Switch Component	Height	Width	Depth
Cisco Nexus 9408 chassis	6.97 inches (17.7 cm) (4 RU)	17.3 inches (43.9 cm)	23.62 inches (59.99 cm)

## Switch and Module Weights

Component	Weight per Unit
Cisco Nexus 9408 Chassis (N9K-C9408)	121.25 lb (55 kg)
Fan Module	—
– Port-side intake (burgundy) (N9K-C9400-FAN-PI)	1.35 lb (0.61 kg)
Power Supplies	—
– 2000-W AC port-side intake (burgundy) (NXA-PAC-2KW-PI)	2.42 lb (1.1 kg)
– 2000-W DC port-side intake (burgundy) (NXA-PDC-2KW-PI)	
– 2000-W HVAC/HVDC port-side intake (burgundy) (NXA-PHV-2KW-PI)	

## 2000-W AC Power Supply Specifications

These specifications apply to the following power supplies:

- NXA-PAC-2KW-PI

Property	Specification
Power	2000 W
Input Voltage	200-240 VAC, 12A, 50/60 Hz
Frequency	50 to 60 Hz
Efficiency	90% or greater (20 to 100% load)
Redundancy Modes	Combined, $n+1$ , and $n+n$
RoHS Compliance	Yes
Hot Swappable	Yes
Airflow Direction	Port-side intake airflow

## 2000-W DC Power Supply Specifications

These specifications apply to the following power supplies:

- NXA-PDC-2KW-PI

Property	Specification
Power	2000 W

Property	Specification
Input Voltage	Minimum to Maximum: -40 to -72 VDC Nominal: -48 to -60 VDC
Frequency	-
Efficiency	90% or greater (20 to 100% load)
Redundancy Modes	Combined, $n+1$ , and $n+n$
RoHS Compliance	Yes
Hot Swappable	Yes
Airflow Direction	Port-side intake airflow

## 2000-W HVAC/HVDC Power Supply Specifications

These specifications apply to the following power supplies:

- NXA-PHV-2KW-PI

Property	Specification
Power	2000 W
Input Voltage	100 to 127 VAC or 200 to 277 VAC or 240 to 380 VDC
Frequency	50 to 60 Hz
Efficiency	90% or greater (20 to 100% load)
Redundancy Modes	Combined, $n+1$ , and $n+n$
RoHS Compliance	Yes
Hot Swappable	Yes
Airflow Direction	Port-side intake airflow

## AC Power Cable Specifications

Cable	Description	Length
SFS-250V-10A-AR (Argentina)	250 VAC 10 A, IRAM 2073 plug	8.2 feet (2.5 m)
CAB-9K10A-AU (Australia)	250 VAC 10 A, 3112 plug	8.2 feet (2.5 m)

Cable	Description	Length
SFS-250V-10A-CN (China)	250 VAC 10 A, GB 2009 plug	8.2 feet (2.5 m)
CAB-9K10A-EU (Europe)	250 VAC 10 A, M 2511 plug	8.2 feet (2.5 m)
SFS-250V-10A-ID (South Africa, United Arab Emerits, and India)	250 VAC 16 A, EL-208 plug	8.2 feet (2.5 m)
SFS-250V-10A-IS (Israel)	250 VAC 10 A, SI-32 plug	8.2 feet (2.5 m)
CAB-9K10A-IT (Italy)	250 VAC 10 A, CEI 23-16 plug	8.2 feet (2.5 m)
CAB-9K10A-SW (Switzerland)	250 VAC 10 A, MP232 plug	8.2 feet (2.5 m)
CAB-9K10A-UK (United Kingdom)	250 VAC 10 A, BS1363 plug (13-A fuse)	8.2 feet (2.5 m)
CAB-AC-250V/13A (North America)	250 VAC 13 A, NEMA L6-20 plug	6.6 feet (2.0 m)
CAB-N5K6A-NA (North America)	250 VAC 10 A, NEMA 6-15 plug	8.2 feet (2.5 m)
CAB-9K12A-NA (North America)	125 VAC 13 A, NEMA 5-15 plug	8.2 feet (2.5 m)
CAB-C13-CBN	250 VAC 10 A, SS 10-A plug	8.2 feet (2.5 m)
CAB-C13-C14-2M	Cabinet Jumper Power Cord, 250 VAC 10 A, C13-C14 Connectors	6.6 feet (2 m)
CAB-C13-C14-AC	Cabinet Jumper Power Cord, 250 VAC 10 A, C13-C14 Connectors	9.8 feet (3 m)
CAB-C13-C14-JMPR	Cabinet Jumper Power Cord 250 VAC 13 A, C13-C14 Connectors	2.2 feet (0.7 m)
CAB-IND-10A	250 VAC 10 A, EL-208B plug	8.2 feet (2.5 m)

## DC Power Cable Specifications

Power Supply	Power Cord	Cord Set Description
All except Argentina, Brazil, and Japan	NO-POWER-CORD	No power cord included with switch

## HVAC/HVDC Power Cable Specifications

Power Cord Part Number	Cord Set Description
CAB-AC-16A-SG-IS	Power cord, SI 16S3/Saf-D-Grid, 250 VAC 16A, Israel
CAB-AC-20A-SG-C20	Cabinet jumper power cord, 250 VAC, 20A, IEC C20/Saf-D-Grid, North America

<b>Power Cord Part Number</b>	<b>Cord Set Description</b>
CAB-AC-20A-SG-US	Power cord, 110 VAC 20A, Straight Blade, NEMA 5-20P/Saf-D-Grid, North America
CAB-AC-20A-SG-US1	Power cord, 125 VAC 20A, twist lock, NEMA L5-20/Saf-D-Grid, North America
CAB-AC-20A-SG-US2	Power cord, 250 VAC 20A, straight-blade, NEMA 6-20/Saf-D-Grid, North America
CAB-AC-20A-SG-US3	Power cord, 250 VAC 20A, twist lock, NEMA L6-20/Saf-D-Grid, North America
CAB-AC-16A-SG-IN	Power cord, IEC60309/Saf-D-Grid, 250 VAC 16A, International
CAB-AC-16A-SG-IT	Power cord, CEI 23-50/Saf-D-Grid to IEC-C19 250 VAC 16A, Italy
NO-POWER-CORD	No power cord included with switch

