



System Specifications

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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)
Relative humidity	Nonoperating	5 to 85%
Altitude	Operating	0 to 13,123 feet (0 to 4,000 meters)

Switch Dimensions

Switch	Width	Depth	Height
Cisco Nexus 9336PQ	17.5 inches (44.5 cm)	22.5 inches (57.1 cm)	3.5 inches (8.9 cm) (2 RU)

Switch and Module Weights and Quantities

Component	Weight per Unit	Quantity
Cisco Nexus 9336PQ Chassis (N9K-C9336PQ)	24.3 lb (11.0 kg)	1

Component	Weight per Unit	Quantity
Fan Module	—	2
– Port-side exhaust (blue) (N9K-C9300-FAN3-B)	2.4 lb (1.1 kg)	
– Port-side intake (burgundy) (N9K-C9300-FAN3)	2.4 lb (1.1 kg)	
Power Supply module	—	2 (1 for operations and 1 for redundancy)
– 1200-W AC port-side exhaust (blue) (N9K-PAC-1200W-B)	2.64 lb (1.2 kg)	
– 1200-W AC port-side intake (burgundy) (N9K-PAC-1200W)	2.64 lb (1.2 kg)	
– 1200-W AC port-side intake (burgundy) (N9K-PAC-1200W)	2.42 lb (1.1 kg)	
– 1200-W HVAC/HVDC dual-direction (white) (N9K-PUV-1200W)	2.42 lb (1.1 kg)	
– 930-W DC port-side exhaust (gray) (UCS-PSU-6332-DC)	2.42 lb (1.1 kg)	
– 930-W DC port-side intake (green) (UCSC-PSU-930WDC)	2.42 lb (1.1 kg)	

Switch Power Input Requirements

The following table lists the typical amount of power that the switch consumes. It also lists the maximum amount of power that you must provision for the switch and power supply for peak conditions.



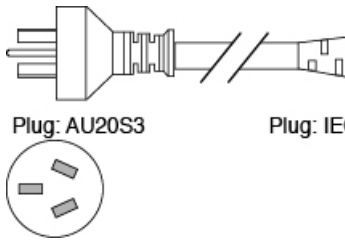
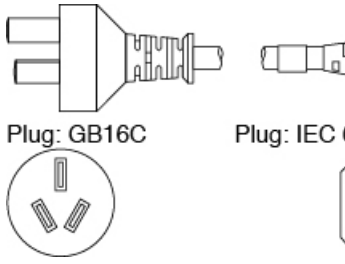
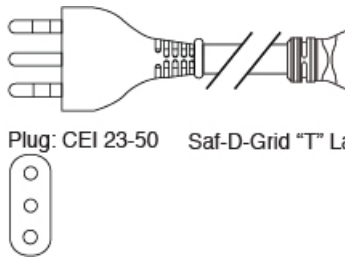
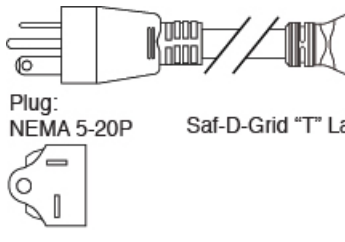
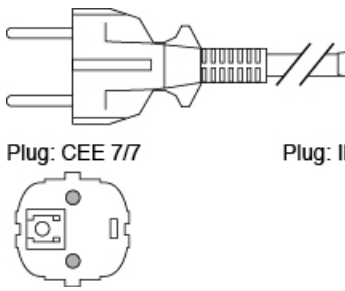
Note Some power supplies have UL listed capabilities that are greater than the maximum power requirements for a switch. To determine the power consumption characteristics for the switch, use the typical and maximum requirements that are listed in the following table.

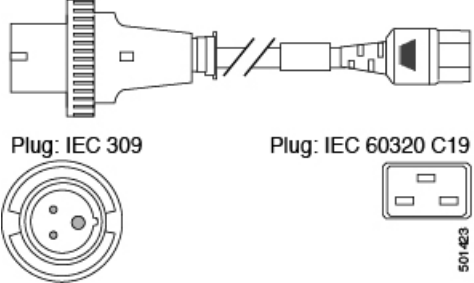
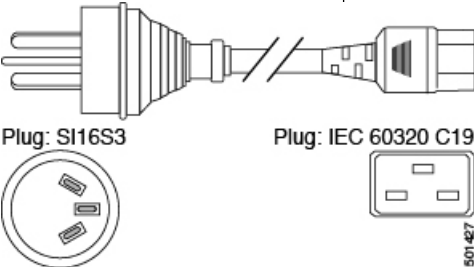
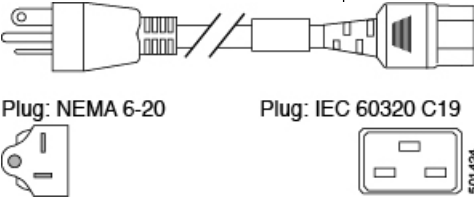
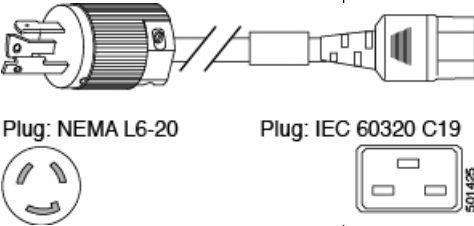
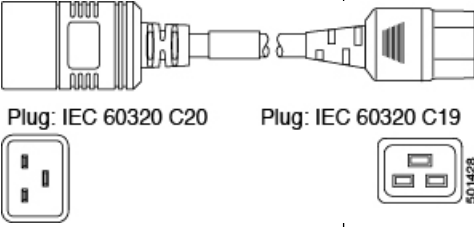
Switch	Typical Power Consumption (AC or DC)	Maximum Power Consumption (AC or DC)	Heat Dissipation Requirement
Cisco Nexus 9336PQ	400 W	660 W	2252.013 BTUs per hour

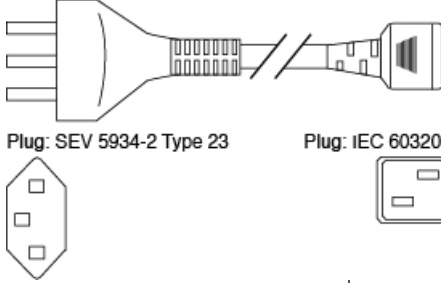
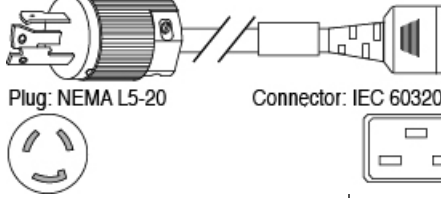
Power Cable Specifications

The following sections specify the power cables that you can order and use with this switch.

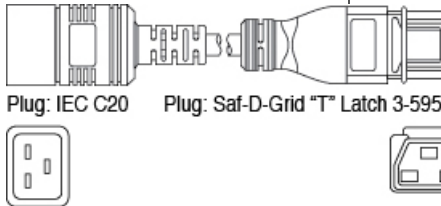
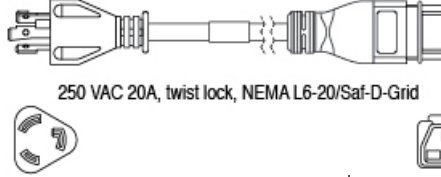
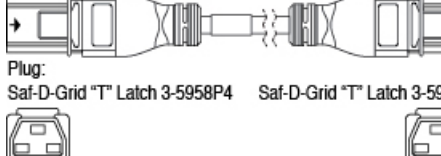
3-kW AC Power Cable Specifications

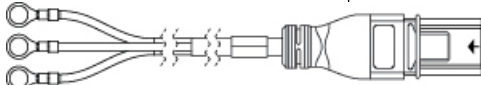
Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Australia and New Zealand	CAB-AC-16A-AUS	16 A, 250 VAC	 <p>Plug: AU20S3 Plug: IEC 60320 C13</p>
Peoples Republic of China	CAB-AC-16A-CH	16 A, 250 VAC	 <p>Plug: GB16C Plug: IEC 60320 C13</p>
Italy	CAB-AC-16A-SG-IT	16 A, 250 VAC	 <p>Plug: CEI 23-50 Saf-D-Grid "T" Latch 3-5950</p>
North America	CAB-AC-20A-SG-US	16 A, 250 VAC	 <p>Plug: NEMA 5-20P Saf-D-Grid "T" Latch 3-5950</p>
Continental Europe	CAB-AC-2500W-EU	16 A, 250 VAC	 <p>Plug: CEE 7/7 Plug: IEC 60320 C13</p>

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
International	CAB-AC-2500W-INT	16 A, 250 VAC	 <p>Plug: IEC 309 Plug: IEC 60320 C19</p> <p>501423</p>
Israel	CAB-AC-2500W-ISRL	16 A, 250 VAC	 <p>Plug: SI16S3 Plug: IEC 60320 C19</p> <p>501427</p>
Japan and North America (nonlocking) 200-240 VAC operation	CAB-AC-2500W-US1	16 A, 250 VAC	 <p>Plug: NEMA 6-20 Plug: IEC 60320 C19</p> <p>501424</p>
Japan and North America (locking) 200-240 VAC operation	CAB-AC-C6K-TWLK	16 A, 250 VAC	 <p>Plug: NEMA L6-20 Plug: IEC 60320 C19</p> <p>501425</p>
Power distribution unit (PDU)	CAB-C19-CBN	16 A, 250 VAC	 <p>Plug: IEC 60320 C20 Plug: IEC 60320 C19</p> <p>501428</p>

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Switzerland	CAB-ACS-16	16 A, 250 VAC	 <p>Plug: SEV 5934-2 Type 23 Plug: IEC 60320</p>
North America	CAB-L520P-C19-US	NEMA L5-20 to IEC-C19 6 feet (1.8 m)	 <p>Plug: NEMA L5-20 Connector: IEC 60320</p>
All except Argentina, Brazil, and Japan	NO-POWER-CORD	No power cord is included with order.	N.A.

3-kW Universal AC/DC Power Cable Specifications

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
North America	CAB-AC-20A-SG-C20	250 VAC 20 A	 <p>Plug: IEC C20 Plug: Saf-D-Grid "T" Latch 3-5958P4</p>
North America	CAB-AC-20A-SG-US3	250 VAC 20 A	 <p>250 VAC 20A, twist lock, NEMA L6-20/Saf-D-Grid</p>
North America	CAB-HV-25A-SG-US1	277 VAC/ 240 VDC/ 380 VDC 25 A	 <p>Plug: Saf-D-Grid "T" Latch 3-5958P4 Saf-D-Grid "T" Latch 3-5958P4</p>

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
North America	CAB-HV-25A-SG-US2	277 VAC/ 240 VDC/ 380 VDC 25 A	 <p>Plug: 3/8-inch Ring Terminals Saf-D-Grid "T" Latch 3-5958P4</p> <p>Plug: 3-5958P4</p>
All except Argentina, Brazil, and Japan	NO-POWER-CORD	No power cord included with order	N.A.

3-kW DC Power Supply Power Cord Specifications

Each 3-kW DC power supply requires four customer-supplied power cables (two negative cables and two positive cables). We recommend using six gauge cables. Cisco supplies 6-gauge lugs for connections to the power supply. You supply the connectors that are required to connect the cables to the DC power source.