System Specifications

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- Switch Dimensions, on page 1
- Switch and Module Weights and Quantities, on page 1
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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	Operating	5 to 90%
	Nonoperating	5 to 95%
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 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

This 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 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 here.

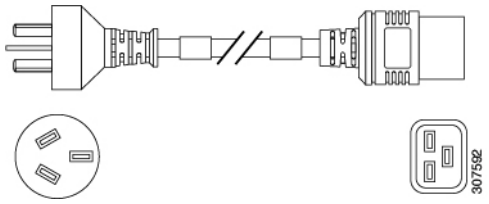
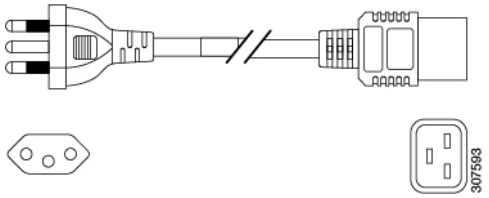
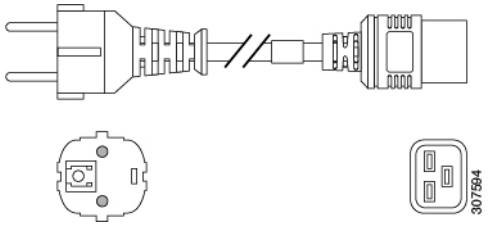
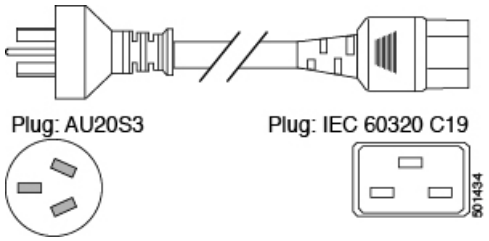
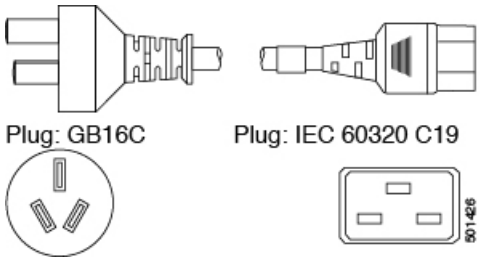
Note If you want to use optics that consume **5W or more power on all the 36 ports**, you must install 1100W power supplies.

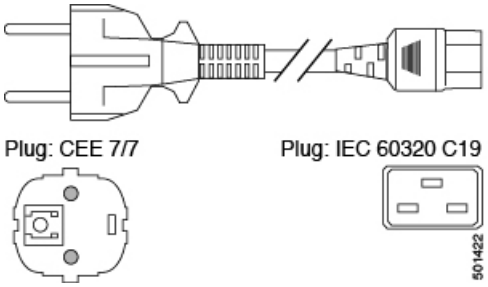
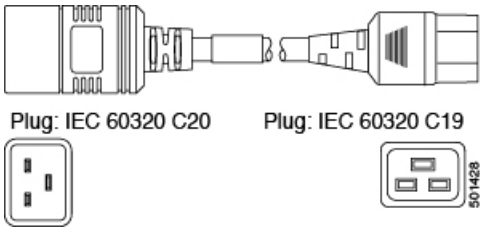
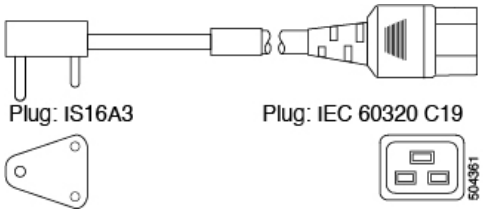
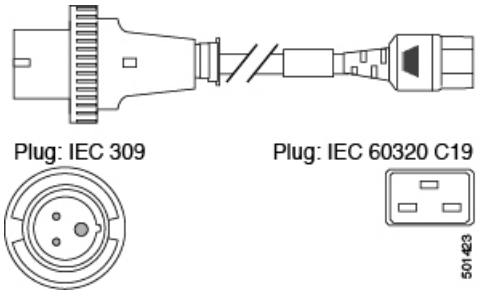
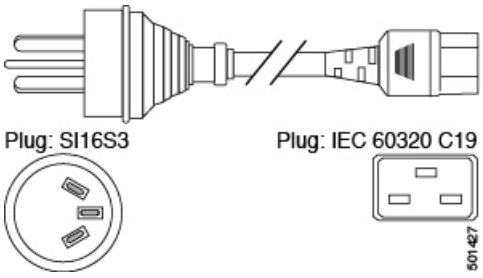
Switch	Typical Power Consumption (AC or DC)	Maximum Power Consumption (AC or DC)	Heat Dissipation Requirement
Cisco Nexus 9336PQ	400 W	660 W	2252.013 BTUs per hour

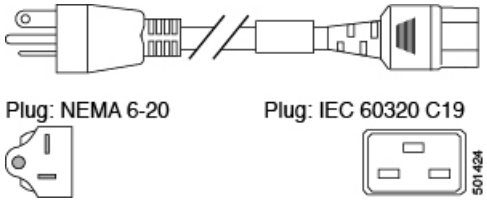
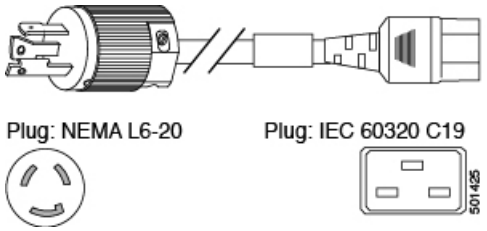
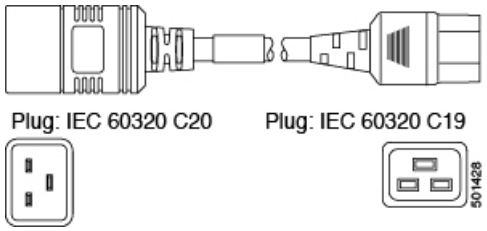
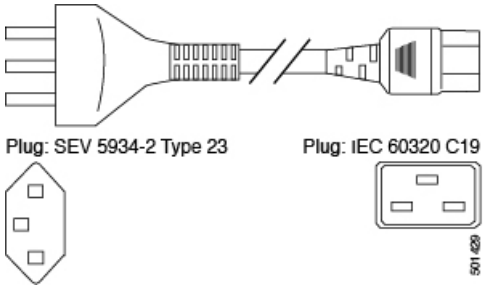
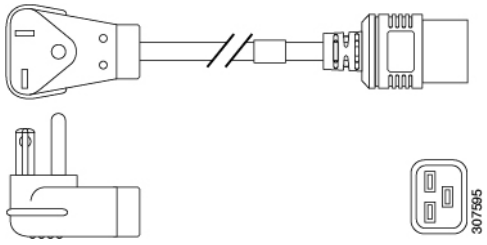
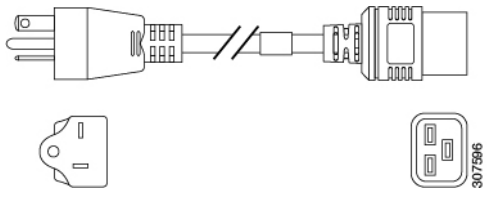
Power Cable Specifications

These sections show the power cables that you can order and use with this switch.

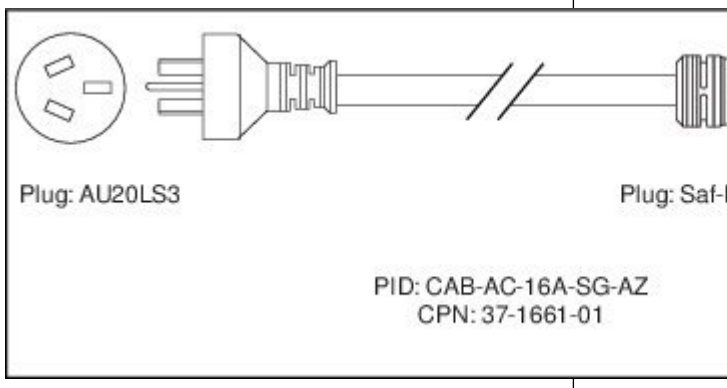
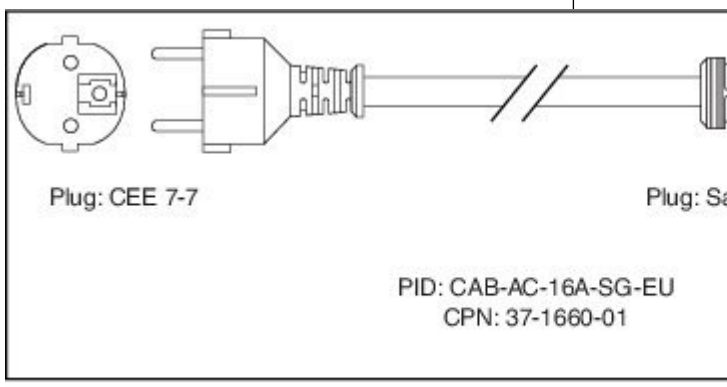
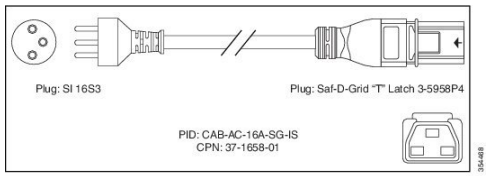
3-kW AC Power Cable Specifications

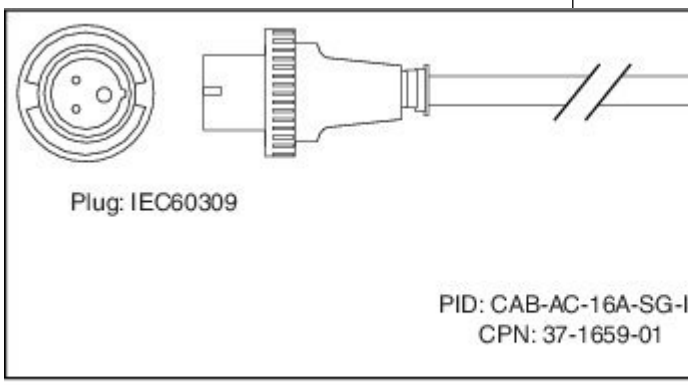
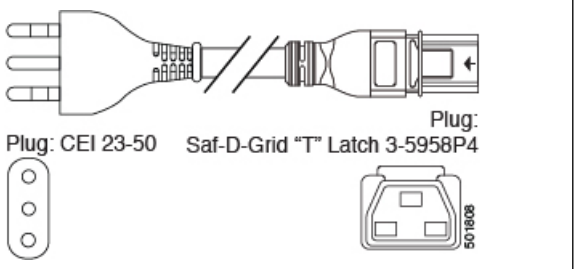
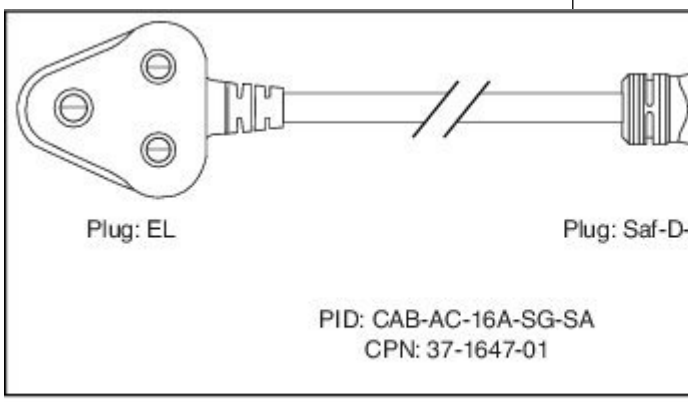
Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Argentina	CAB-9K16A-ARG	16 A, 250 VAC	
Brazil	CAB-9K16A-BRZ	16 A, 250 VAC	
Korea	CAB-9K16A-KOR	16 A, 250 VAC	
South Africa	CAB-9K16A-SA	16 A, 250 VAC	TBD
Australia and New Zealand	CAB-AC-16A-AUS	16 A, 250 VAC	
Peoples Republic of China	CAB-AC-16A-CH	16 A, 250 VAC	

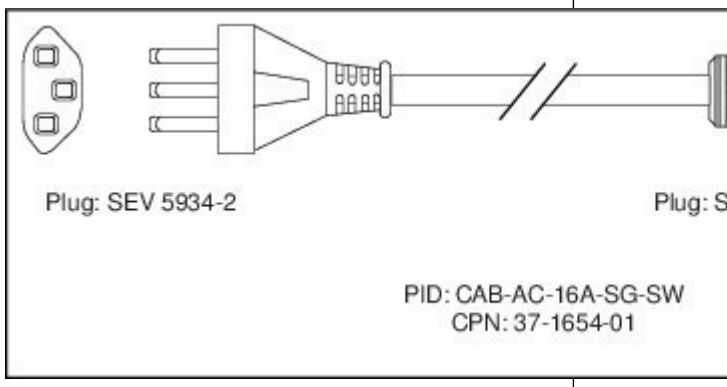
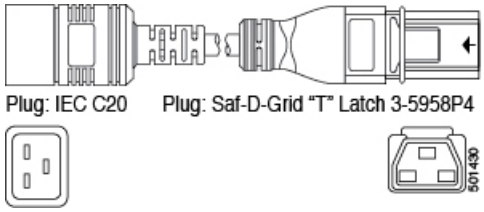
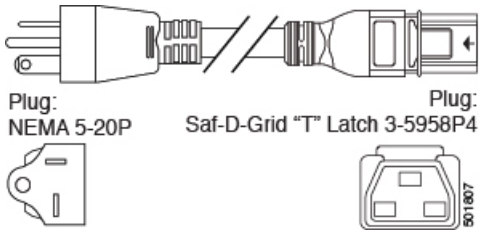
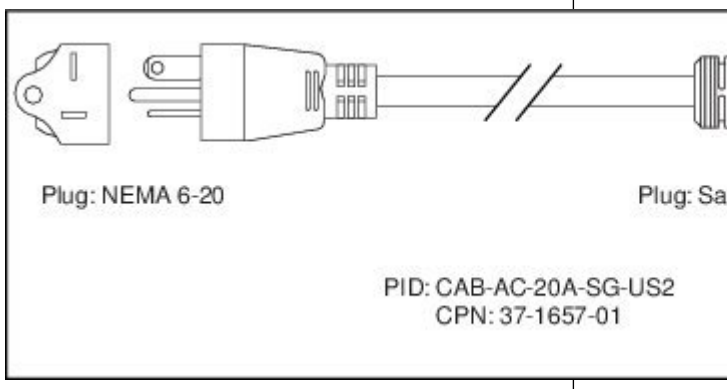
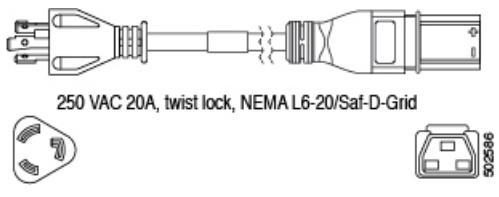
Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Continental Europe	CAB-AC-2500W-EU	16 A, 250 VAC	
India	CAB-C19-C20-IND	16 A, 250 VAC	
India	PWR-CORD10-IND	16 A, 250 VAC	
International	CAB-AC-2500W-INT	16 A, 250 VAC	
Israel	CAB-AC-2500W-ISRL	16 A, 250 VAC	

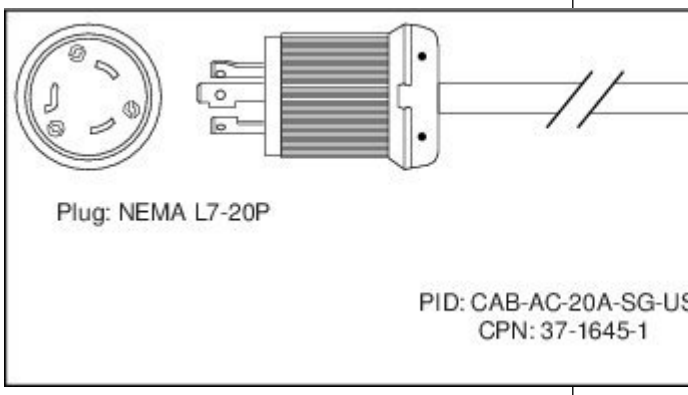
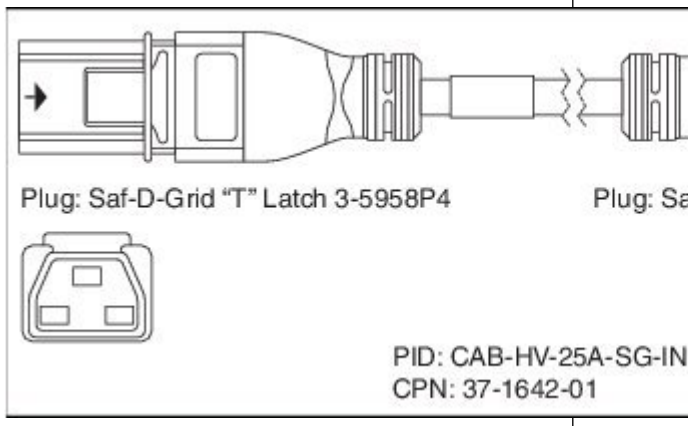
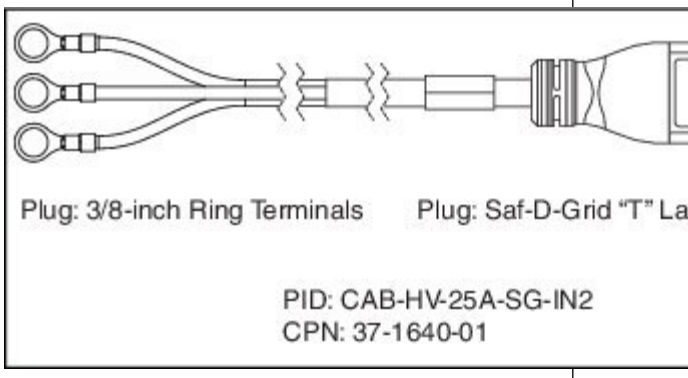
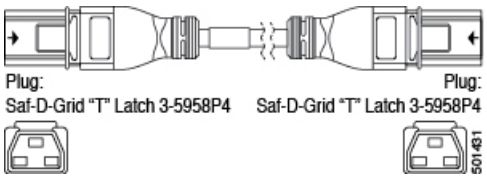
Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Japan and North America (nonlocking) 200-240 VAC operation	CAB-AC-2500W-US1	16 A, 250 VAC	
Japan and North America (locking) 200-240 VAC operation	CAB-AC-C6K-TWLK	16 A, 250 VAC	
Power distribution unit (PDU)	CAB-C19-CBN	16 A, 250 VAC	
Switzerland	CAB-ACS-16	16 A, 250 VAC	
Taiwan	CAB-AC-C19-TW	16 A, 250 VAC (IEC60320 C19 to CNS 15767-1 & CNS 690)	
US	CAB-AC-STRT-C19US	16 A, 250 VAC (straight blade NEMA 6-20 plug)	
All except Argentina, Brazil, and Japan	NO-PWR-CORD	No power cord is included with order.	N.A.

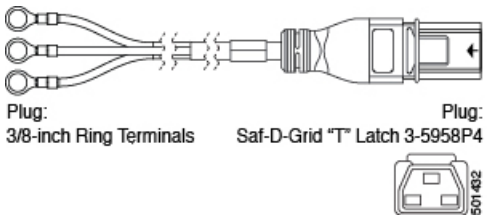
3-kW Universal AC/DC and 3-kW Dual Input Universal AC/DC Power Cable Specifications

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Australia and New Zealand	CAB-AC-16A-SG-AZ	16 A, 250 VAC (AU20LS3/Saf-D-Grid)	
	CAB-AC-16A-SG-EU	16A, 250 VAC	
Israel	CAB-AC-16A-SG-IS	16 A, 250 VAC	

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
International/UK	CAB-AC-16A-SG-IN	16 A, 250 VAC	
Italy	CAB-AC-16A-SG-IT	16 A, 250 VAC	
South Africa	CAB-AC-16A-SG-SA	16 A, 250 VAC	

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Switzerland	CAB-AC-16A-SG-SW	16 A, 250 VAC	
North America	CAB-AC-20A-SG-C20	250 VAC 20 A	
North America	CAB-AC-20A-SG-US	16 A, 250 VAC	
North America (non locking) 200-240 VAC operation	CAB-AC-20A-SG-US2	250 VAC 20 A	
North America	CAB-AC-20A-SG-US3	250 VAC 20 A	

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
North America 277 VAC operation	CAB-AC-20A-SG-US4	277 VAC 20 A	
International, Saf-D-Grid/Saf-D-Grid	CAB-HV-25A-SG-IN1	400 VAC 20 A	
International, Ring Terminal source plug, Ring Terminal/Saf-D-Grid	CAB-HV-25A-SG-IN2	20A, 300 VAC/500 VDC	
North America	CAB-HV-25A-SG-US1	277 VAC/ 240 VDC/ 380 VDC 25 A	

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	
All except Argentina, Brazil, and Japan	NO-PWR-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.