



System Specifications

- [Environmental Specifications, on page 1](#)
- [Switch Dimensions, on page 1](#)
- [Switch and Module Weights and Quantities, on page 1](#)
- [Switch Power Input Requirements, on page 2](#)
- [Power Cable Specifications, on page 2](#)

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 95%
	Operating	5 to 90%
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
Cisco Nexus 9336PQ Chassis (N9K-C9336PQ)	24.3 lb (11.0 kg)

Component	Weight per
Fan Module	—
– 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	—
– 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

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.



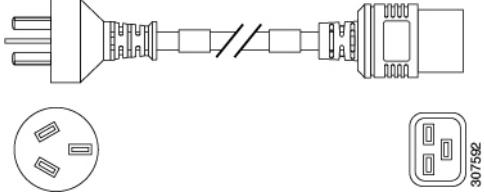
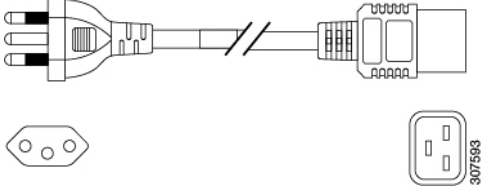
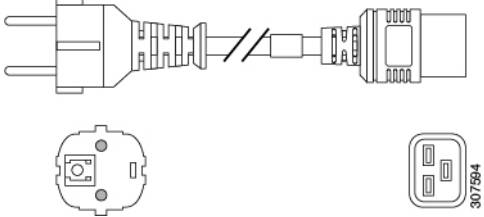
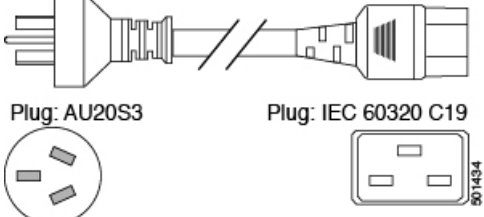
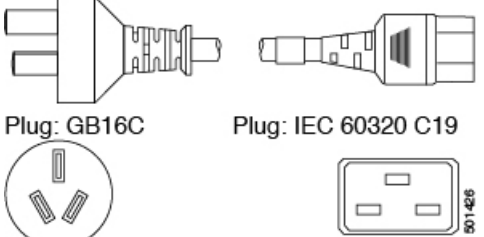
Note Some power supplies have capabilities that are greater than the maximum power requirements for a switch. To determine the power consumption characteristics for the switch, use the typical and maximum requirements that are listed in the following table.

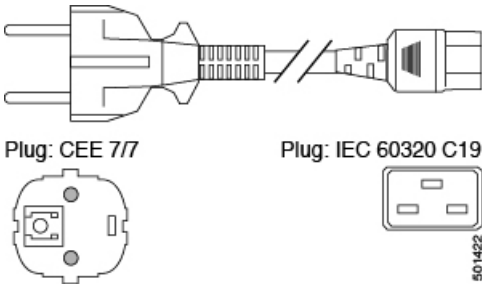
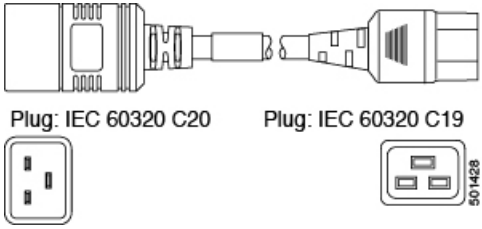
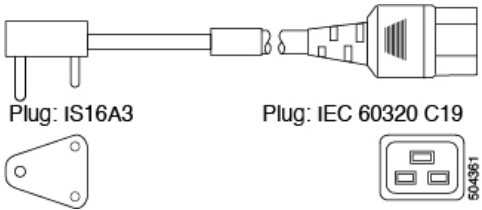
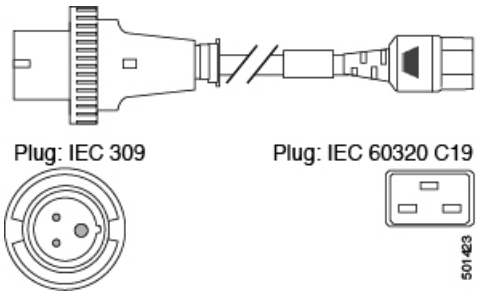
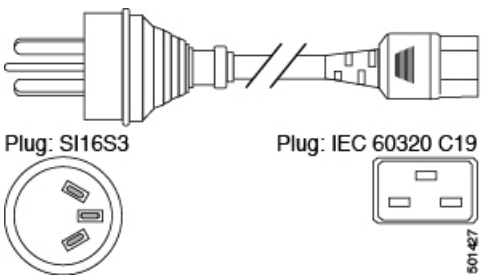
Switch	Typical Power Consumption (AC or DC)	Maximum Power Consumption (AC or DC)	Heat Dissipation Requirement
Cisco Nexus 9336PQ	400 W	660 W	2252.013 BTU per hour




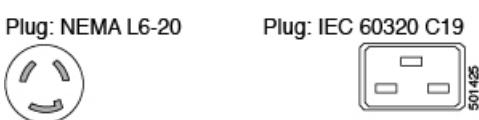
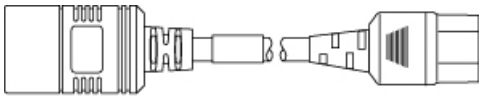
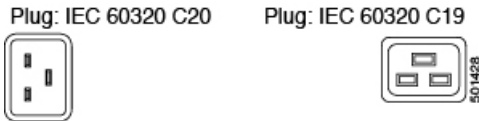
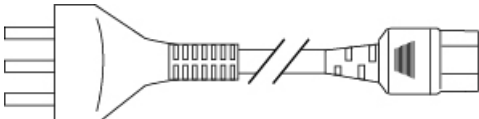
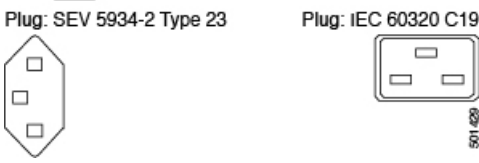
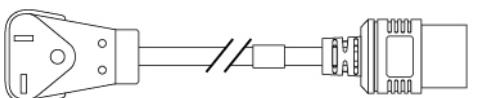



Power Cable Specifications

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

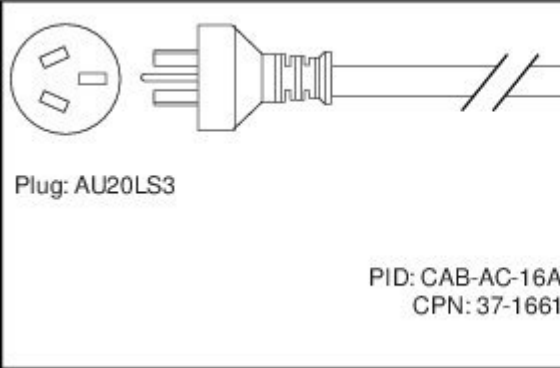
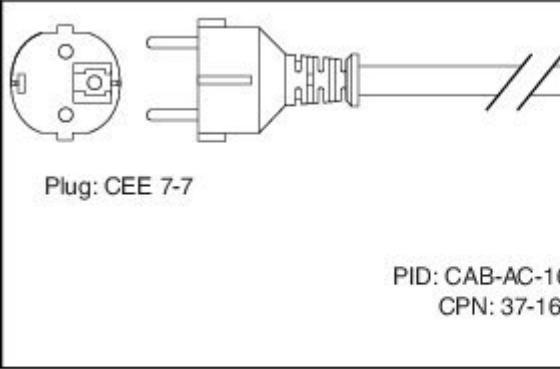
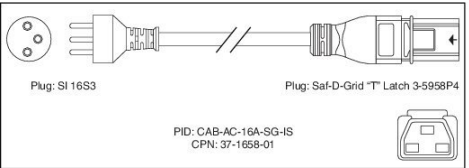
3-kW AC Power Cable Specifications

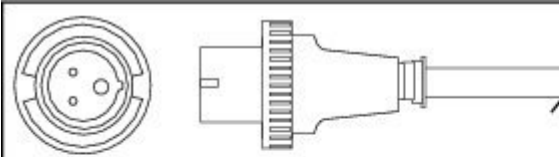
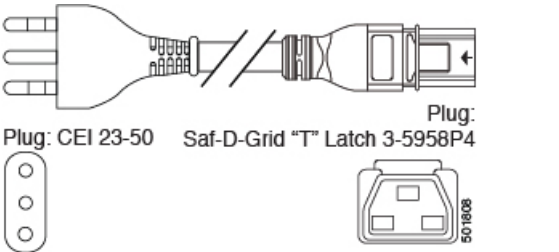
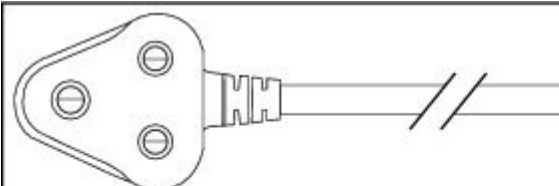
Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Argentina	CAB-9K16A-ARG	16 A, 250 VAC	
Brazil	CAB-9K16A-BRZ	16 A, 250 VAC	
Korea	CAB-9K16A-KOR	16 A, 250 VAC	
South Africa	CAB-9K16A-SA	16 A, 250 VAC	TBD
Australia and New Zealand	CAB-AC-16A-AUS	16 A, 250 VAC	 <p>Plug: AU20S3 Plug: IEC 60320 C-19</p>
Peoples Republic of China	CAB-AC-16A-CH	16 A, 250 VAC	 <p>Plug: GB16C Plug: IEC 60320 C-19</p>

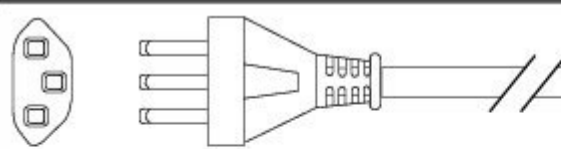
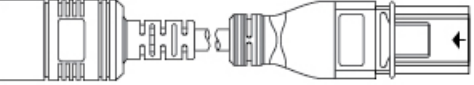





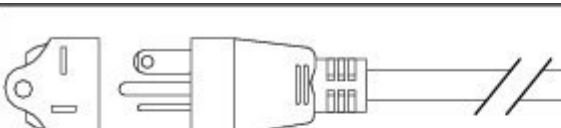
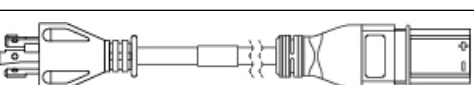


Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Continental Europe	CAB-AC-2500W-EU	16 A, 250 VAC	 <p>Plug: CEE 7/7</p> <p>Plug: IEC 60320 C19</p> <p>501422</p>
India	CAB-C19-C20-IND	16 A, 250 VAC	 <p>Plug: IEC 60320 C20</p> <p>Plug: IEC 60320 C19</p> <p>501428</p>
India	PWR-CORD10-IND	16 A, 250 VAC	 <p>Plug: IS16A3</p> <p>Plug: IEC 60320 C19</p> <p>504361</p>
International	CAB-AC-2500W-INT	16 A, 250 VAC	 <p>Plug: IEC 309</p> <p>Plug: IEC 60320 C19</p> <p>501423</p>
Israel	CAB-AC-2500W-ISRL	16 A, 250 VAC	 <p>Plug: SI16S3</p> <p>Plug: IEC 60320 C19</p> <p>501427</p>

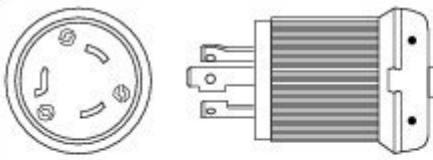
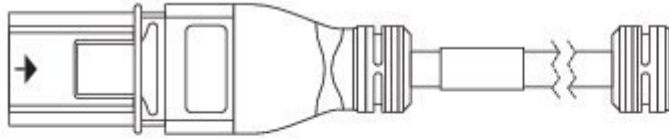

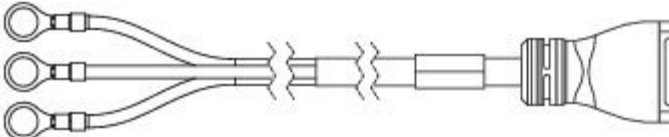



Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Japan and North America (nonlocking) 200-240 VAC operation	CAB-AC-2500W-US1	16 A, 250 VAC	 <p>Plug: NEMA 6-20 Plug: IEC 60320 C19</p> 
Japan and North America (locking) 200-240 VAC operation	CAB-AC-C6K-TWLK	16 A, 250 VAC	 <p>Plug: NEMA L6-20 Plug: IEC 60320 C19</p> 
Power distribution unit (PDU)	CAB-C19-CBN	16 A, 250 VAC	 <p>Plug: IEC 60320 C20 Plug: IEC 60320 C19</p> 
Switzerland	CAB-ACS-16	16 A, 250 VAC	 <p>Plug: SEV 5934-2 Type 23 Plug: IEC 60320 C19</p> 
Taiwan	CAB-AC-C19-TW	16 A, 250 VAC (IEC 60320 C19 to EL 218)	 
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.

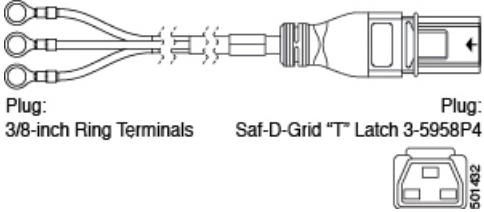
3-kW Universal AC/DC and 3-kW Dual Input Universal AC/DC Power Cable Specifications

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	 <p data-bbox="1003 472 1177 504">Plug: IEC60309</p> <p data-bbox="1372 573 1620 632">PID: CAB-AC-16A-SG-I CPN: 37-1659-01</p>
Italy	CAB-AC-16A-SG-IT	16 A, 250 VAC	 <p data-bbox="943 888 1414 919">Plug: CEI 23-50 Saf-D-Grid "T" Latch 3-5958P4</p> <p data-bbox="1365 867 1414 898">Plug:</p> <p data-bbox="1393 961 1414 1010">501808</p>
South Africa	CAB-AC-16A-SG-SA	16 A, 250 VAC	 <p data-bbox="1019 1255 1112 1287">Plug: EL</p> <p data-bbox="1498 1255 1620 1287">Plug: Saf-D-</p> <p data-bbox="1255 1346 1531 1404">PID: CAB-AC-16A-SG-SA CPN: 37-1647-01</p>

Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Switzerland	CAB-AC-16A-SG-SW	16 A, 250 VAC	 <p data-bbox="938 474 1133 506">Plug: SEV 5934-2</p> <p data-bbox="1549 474 1624 506">Plug: S</p> <p data-bbox="1297 564 1581 621">PID: CAB-AC-16A-SG-SW CPN: 37-1654-01</p>
North America	CAB-AC-20A-SG-C20	250 VAC 20 A	 <p data-bbox="902 779 1024 806">Plug: IEC C20</p> <p data-bbox="1057 779 1373 806">Plug: Saf-D-Grid "T" Latch 3-5958P4</p>  
North America	CAB-AC-20A-SG-US	16 A, 250 VAC	 <p data-bbox="902 1010 1024 1062">Plug: NEMA 5-20P</p> <p data-bbox="1073 1031 1373 1062">Saf-D-Grid "T" Latch 3-5958P4</p> <p data-bbox="1325 1010 1373 1041">Plug:</p>  
North America (non locking) 200-240 VAC operation	CAB-AC-20A-SG-US2	250 VAC 20 A	 <p data-bbox="935 1352 1122 1383">Plug: NEMA 6-20</p> <p data-bbox="1533 1352 1624 1383">Plug: Sa</p> <p data-bbox="1276 1440 1576 1497">PID: CAB-AC-20A-SG-US2 CPN: 37-1657-01</p>
North America	CAB-AC-20A-SG-US3	250 VAC 20 A	 <p data-bbox="951 1661 1317 1688">250 VAC 20A, twist lock, NEMA L6-20/Saf-D-Grid</p>  

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	 <p>Plug: NEMA L7-20P</p> <p>PID: CAB-AC-20A-SG-US CPN: 37-1645-1</p>
International, Saf-D-Grid/Saf-D-Grid	CAB-HV-25A-SG-IN1	400 VAC 20 A	 <p>Plug: Saf-D-Grid "T" Latch 3-5958P4 Plug: Saf-D-Grid</p>  <p>PID: CAB-HV-25A-SG-IN1 CPN: 37-1642-01</p>
International, Ring Terminal source plug, Ring Terminal/Saf-D-Grid	CAB-HV-25A-SG-IN2	20A, 300 VAC/500 VDC	 <p>Plug: 3/8-inch Ring Terminals Plug: Saf-D-Grid "T" Latch</p> <p>PID: CAB-HV-25A-SG-IN2 CPN: 37-1640-01</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 Plug: 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</p> <p>Plug: Saf-D-Grid "T" Latch 3-5958P4</p> <p>501482</p>
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.