



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 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 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.



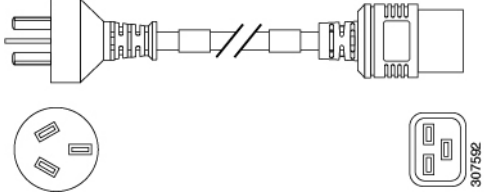
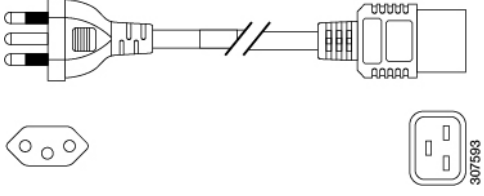
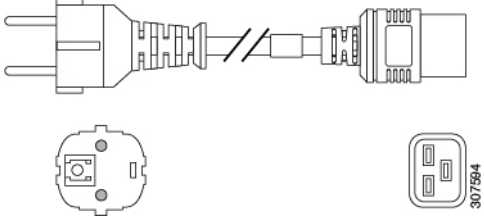
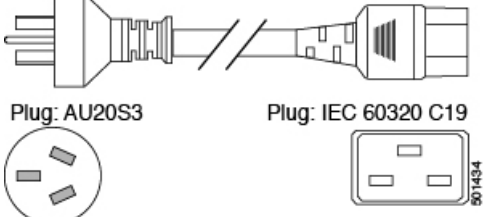
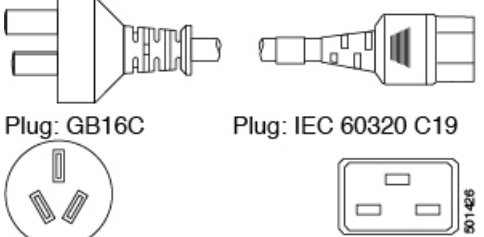
Note Some power supplies have capabilities that are greater than the maximum power requirements for a switch. To determine the power consumption characteristics for the switch, use the typical and maximum requirements that are listed here.

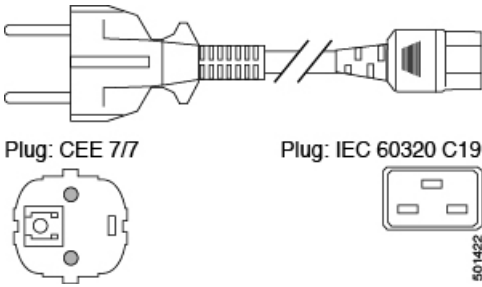
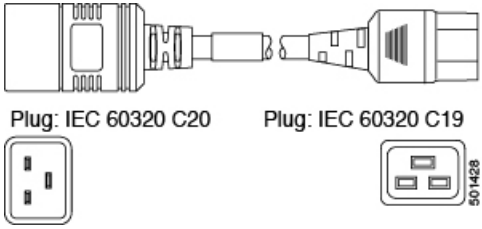
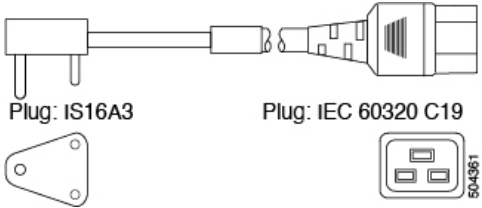
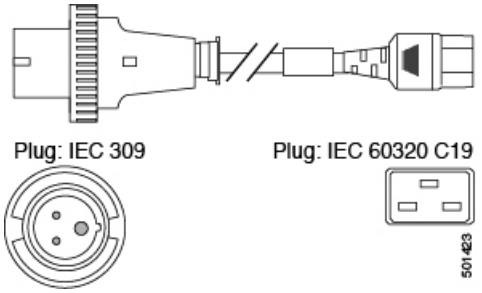
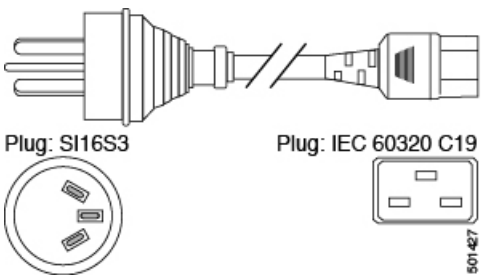
Switch	Typical Power Consumption (AC or DC)	Maximum Power Consumption (AC or DC)	Heat Dissipation Requirement
Cisco Nexus 9336PQ	400 W	660 W	2252.013 BTUs per hour


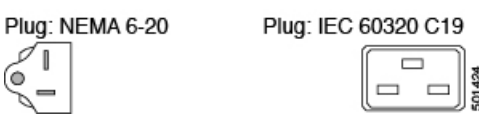

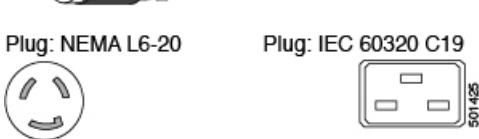
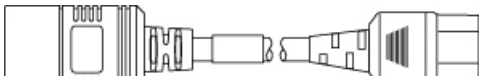
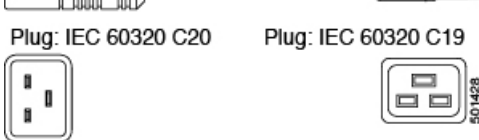

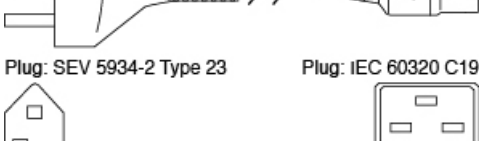




Power Cable Specifications

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

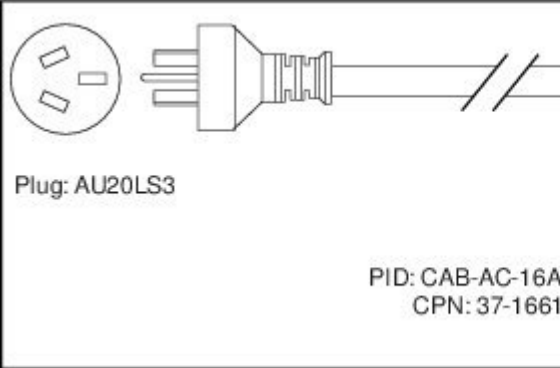
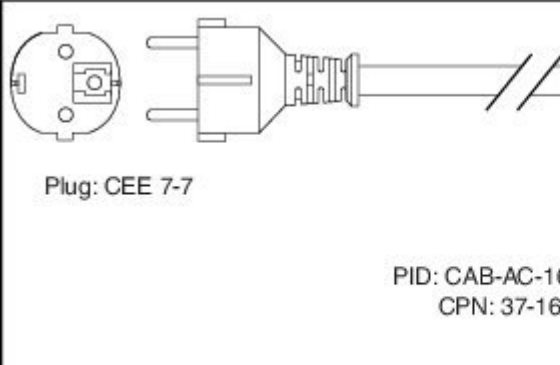
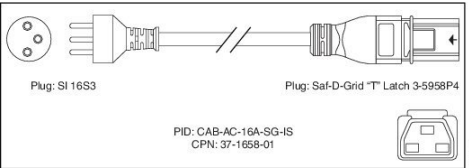
3-kW AC Power Cable Specifications

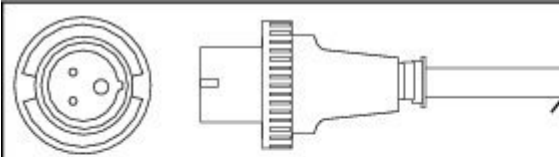
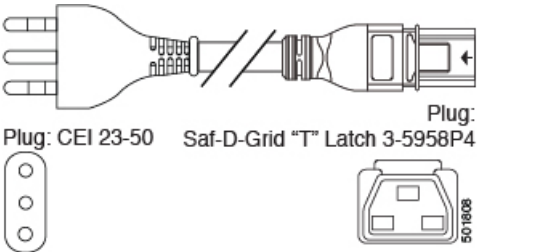
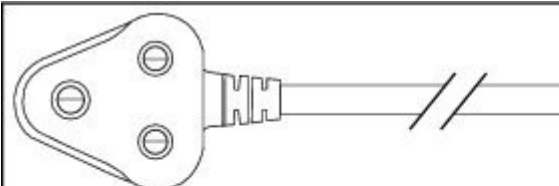
Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Argentina	CAB-9K16A-ARG	16 A, 250 VAC	
Brazil	CAB-9K16A-BRZ	16 A, 250 VAC	
Korea	CAB-9K16A-KOR	16 A, 250 VAC	
South Africa	CAB-9K16A-SA	16 A, 250 VAC	TBD
Australia and New Zealand	CAB-AC-16A-AUS	16 A, 250 VAC	
Peoples Republic of China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

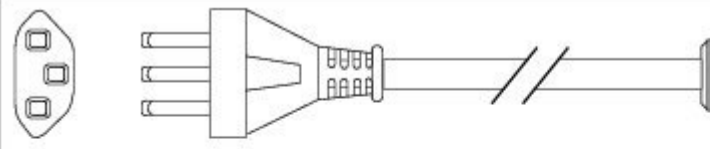



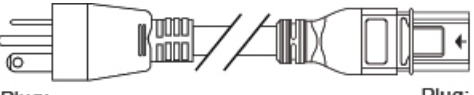


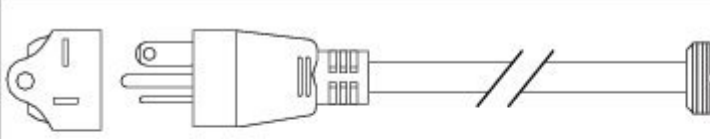
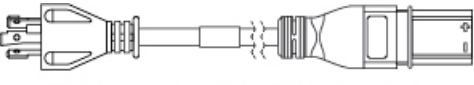


Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Continental Europe	CAB-AC-2500W-EU	16 A, 250 VAC	 <p>Plug: CEE 7/7</p> <p>Plug: IEC 60320 C19</p> <p>501422</p>
India	CAB-C19-C20-IND	16 A, 250 VAC	 <p>Plug: IEC 60320 C20</p> <p>Plug: IEC 60320 C19</p> <p>501428</p>
India	PWR-CORD10-IND	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>

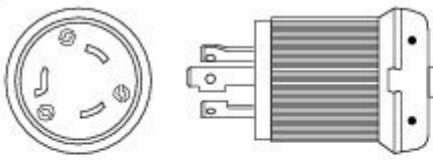


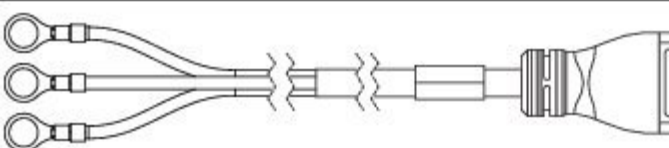
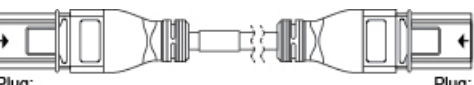


Locale	Power Cord Part Number	Cord Set Rating	Power Cord Illustration
Japan and North America (nonlocking) 200-240 VAC operation	CAB-AC-2500W-US1	16 A, 250 VAC	 <p>Plug: NEMA 6-20 Plug: IEC 60320 C19</p> 
Japan and North America (locking) 200-240 VAC operation	CAB-AC-C6K-TWLK	16 A, 250 VAC	 <p>Plug: 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.

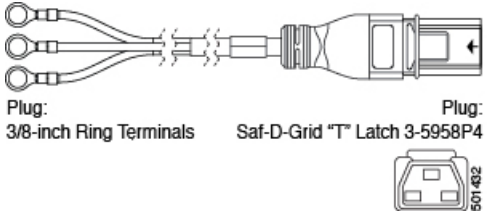
3-kW Universal AC/DC and 3-kW Dual Input Universal AC/DC Power Cable Specifications

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)	 <p>Plug: AU20LS3</p> <p>Plug: Saf-D-Grid</p> <p>PID: CAB-AC-16A-SG-AZ CPN: 37-1661-01</p>
	CAB-AC-16A-SG-EU	16A, 250 VAC	 <p>Plug: CEE 7-7</p> <p>Plug: Saf-D-Grid</p> <p>PID: CAB-AC-16A-SG-EU CPN: 37-1660-01</p>
Israel	CAB-AC-16A-SG-IS	16 A, 250 VAC	 <p>Plug: SI 16S3</p> <p>Plug: Saf-D-Grid "T" Latch 3-5958P4</p> <p>PID: CAB-AC-16A-SG-IS CPN: 37-1668-01</p> <p>354-018</p>

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 1175 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="943 890 1414 919">Plug: CEI 23-50 Saf-D-Grid "T" Latch 3-5958P4</p> <p data-bbox="1365 867 1414 896">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 1114 1285">Plug: EL</p> <p data-bbox="1498 1255 1620 1285">Plug: Saf-D-</p> <p data-bbox="1252 1346 1533 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="933 472 1128 504">Plug: SEV 5934-2</p> <p data-bbox="1550 472 1615 504">Plug: S</p> <p data-bbox="1291 556 1583 619">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="901 777 1031 808">Plug: IEC C20</p> <p data-bbox="1055 777 1372 808">Plug: Saf-D-Grid "T" Latch 3-5958P4</p>  
North America	CAB-AC-20A-SG-US	16 A, 250 VAC	 <p data-bbox="901 1008 1031 1060">Plug: NEMA 5-20P</p> <p data-bbox="1071 1029 1372 1060">Saf-D-Grid "T" Latch 3-5958P4</p> <p data-bbox="1323 1008 1372 1039">Plug:</p>  
North America (non locking) 200-240 VAC operation	CAB-AC-20A-SG-US2	250 VAC 20 A	 <p data-bbox="933 1344 1128 1375">Plug: NEMA 6-20</p> <p data-bbox="1534 1344 1615 1375">Plug: Sa</p> <p data-bbox="1274 1438 1583 1501">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="950 1659 1323 1690">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 data-bbox="990 483 1209 514">Plug: NEMA L7-20P</p> <p data-bbox="1347 567 1615 630">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 data-bbox="950 871 1388 913">Plug: Saf-D-Grid "T" Latch 3-5958P4</p> <p data-bbox="1526 871 1615 913">Plug: Saf-D-Grid</p>  <p data-bbox="1323 1029 1615 1092">PID: CAB-HV-25A-SG-IN 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 data-bbox="950 1323 1307 1365">Plug: 3/8-inch Ring Terminals</p> <p data-bbox="1347 1323 1615 1365">Plug: Saf-D-Grid "T" Latch</p> <p data-bbox="1209 1407 1534 1480">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 data-bbox="950 1596 1177 1648">Plug: Saf-D-Grid "T" Latch 3-5958P4</p> <p data-bbox="1193 1596 1421 1648">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.