

S2700-52P-EI-AC

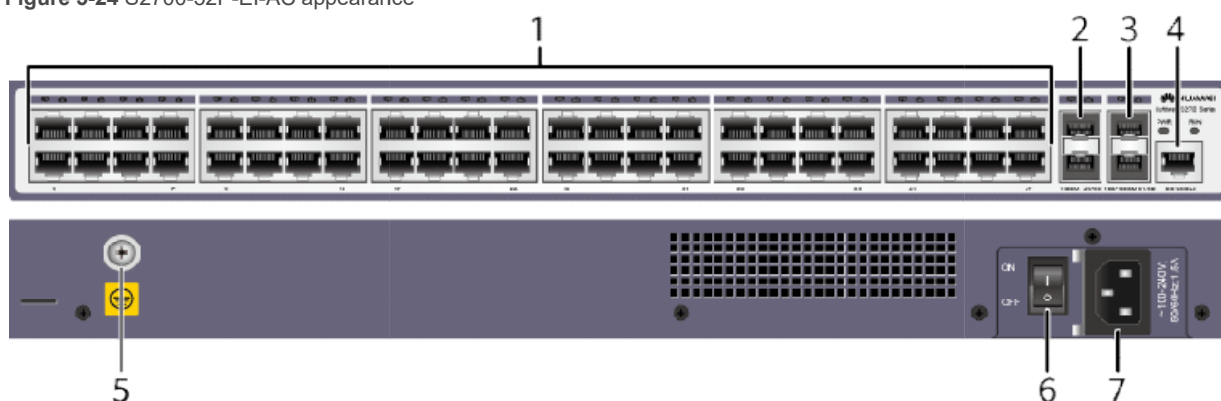
Version Mapping

Table 5-46 lists the mapping between the S2700-52P-EI-AC chassis and software versions.
Table 5-46 Version mapping

Series	Model	Software Version
S2700-EI	S2700-52P-EI-AC	V100R005C01 to V100R006C05

Appearance and Structure

Figure 5-24 S2700-52P-EI-AC appearance



1	Forty-eight 10/100BASE-TX ports	2	Two 1000BASE-X ports Applicable modules: <ul style="list-style-type: none"> • GE optical module • GE-CWDM optical module
3	Two 100/1000BASE-X ports Applicable modules: <ul style="list-style-type: none"> • FE optical module • GE optical module • GE-CWDM optical module 	4	One console port
5	Ground screw NOTE: It is used with Ground cable.	6	Power switch
7	AC socket NOTE: It is used with AC Power Cable.	-	-

Port Description

10/100BASE-TX port

A 10/100BASE-TX Ethernet electrical port sends and receives service data at 10/100 Mbit/s, and must use an Ethernet cable. Table 5-47 lists the attributes of a 10/100BASE-TX Ethernet electrical port.

Table 5-47 Attributes of a 10/100BASE-TX Ethernet electrical port

Attribute	Item
Connector type	RJ45
Standards compliance	IEEE802.3, IEEE802.3u, IEEE802.3ab
Working mode	10/100 Mbit/s auto-sensing

Attribute	Item
Maximum transmission distance	100 m

1000BASE-X port

A 1000BASE-X Ethernet optical port sends and receives service data at 1000 Mbit/s. [Table 5-48](#) describes the attributes of a 1000BASE-X Ethernet optical port.

Table 5-48 Attributes of a 1000BASE-X Ethernet optical port

Attribute	Description
Connector type	LC/PC
Optical port attributes	Depend on the optical module used
Standards compliance	IEEE802.3z
Working mode	1000 Mbit/s

100/1000BASE-X port

A 100/1000BASE-X Ethernet optical port receives and sends service data at 100/1000 Mbit/s. [Table 5-49](#) describes the attributes of a 100/1000BASE-X Ethernet optical port.

Table 5-49 Attributes of a 100/1000BASE-X Ethernet optical port

Attribute	Description
Connector type	LC/PC
Optical port attributes	Depend on the optical module used
Standards compliance	IEEE802.3z
Working mode	100/1000 Mbit/s auto-sensing

Console port

The console port of a switch can connect to an operation terminal for onsite configuration. The port must use [Console Cable](#). To configure a switch after the first power-on, log in to the switch through the console port. [Table 5-50](#) lists attributes of a console port.

Table 5-50 Attributes of a console port

Attribute	Item
Connector type	RJ45
Standards compliance	RS-232
Working mode	Full-duplex universal asynchronous receiver/transmitter (UART)
Baud rate	9600 bit/s, 19200 bit/s, 38400 bit/s, 57600 bit/s, or 115200 bit/s Default value: 9600 bit/s

Indicator Description

Figure 5-25 S2700-52P-EI-AC appearance

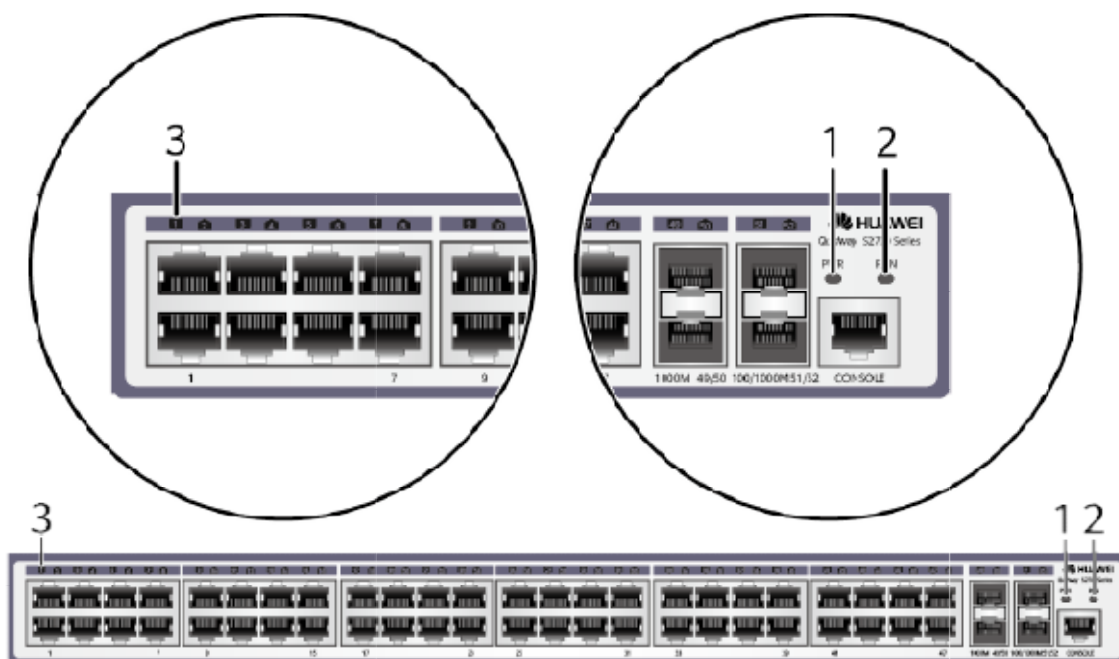


Table 5-51 Description of indicators on the switch

No.	Indicator	Color	Description
1	PWR: power supply indicator	-	Off: The switch is not powered on.
		Green	Steady on: The power module is supplying power normally.
		Yellow or red	Steady on: The built-in power module has failed.
2	RUN: system status indicator	-	Off: The system is not running.
		Green	<ul style="list-style-type: none"> Steady on: The system is not running normally or is starting. Blinking: The system is running normally.
3	Service port indicator	-	Off: The port is not connected or has been shut down.
		Green	<ul style="list-style-type: none"> Steady on: A link has been established on the port. Blinking: The port is sending or receiving data.

NOTE

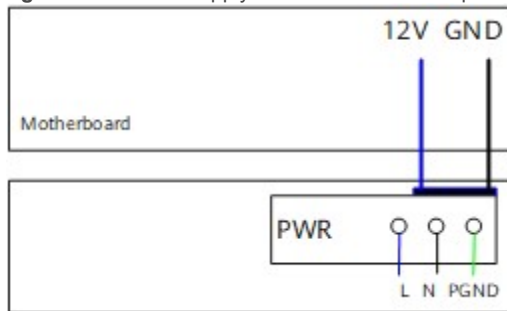
On the S2700-18TP-EI-AC, S2700-26TP-EI-AC, and S2700-26TP-EI-DC, the optical port indicator of a combo port shows the port status, and the electrical port indicator of the combo port is always off.

Power Supply Configuration

The S2700-52P-EI-AC has a built-in power module and does not support pluggable power modules.

Figure 5-26 shows the power supply mode of a built-in AC power module. The built-in AC power module (PWR) receives power from an external power source and provides a 12 V output to the chassis.

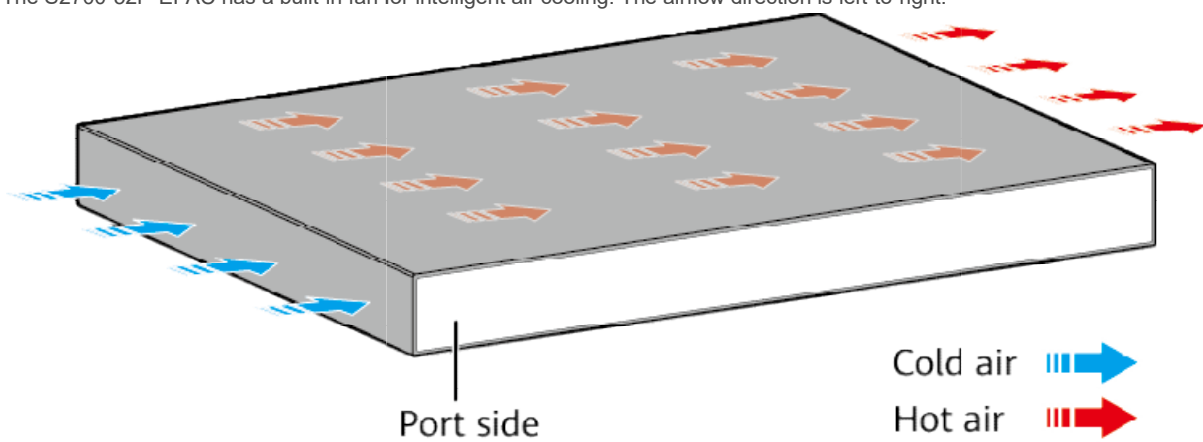
Figure 5-26 Power supply mode of a built-in AC power module



L: live wire	N: neutral wire	PGND: protection ground wire	GND: 12 V reference ground
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Heat Dissipation

The S2700-52P-EI-AC has a built-in fan for intelligent air cooling. The airflow direction is left-to-right.



NOTE

This figure only shows the airflow direction and does not depict the actual device.

Technical Specifications

Table 5-52 lists technical specifications of the S2700-52P-EI-AC.

Table 5-52 Technical specifications

Item	Description
Memory (RAM)	128 MB
Flash	16 MB
Mean time between failures (MTBF)	26.8 years
Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	Common mode: ± 6 kV
Power supply surge protection	± 2 kV in differential mode, ± 4 kV in common mode

Item	Description
Dimensions (H x W x D)	43.6 mm x 442.0 mm x 220.0 mm (1.72 in. x 17.4 in. x 8.7 in.)
Weight	≤ 3.5 kg (7.72 lb)
Stack ports	Two 1000BASE-X ports
RPS	Not supported
PoE	Not supported
Rated voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum power consumption (100% throughput)	38 W
Operating temperature	-5°C to +50°C (23°F to 122°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Noise under normal temperature (27°C, sound power)	Silent
Relative humidity	5% to 95%, noncondensing
Operating altitude	0-2000 m (0-6562 ft.)
Certification	<ul style="list-style-type: none"> • EMC certification • Safety certification • Manufacturing certification
Part number	02352333