

# ARISTA 7050 Series 1RU AppendixA Status Indicators User Guide

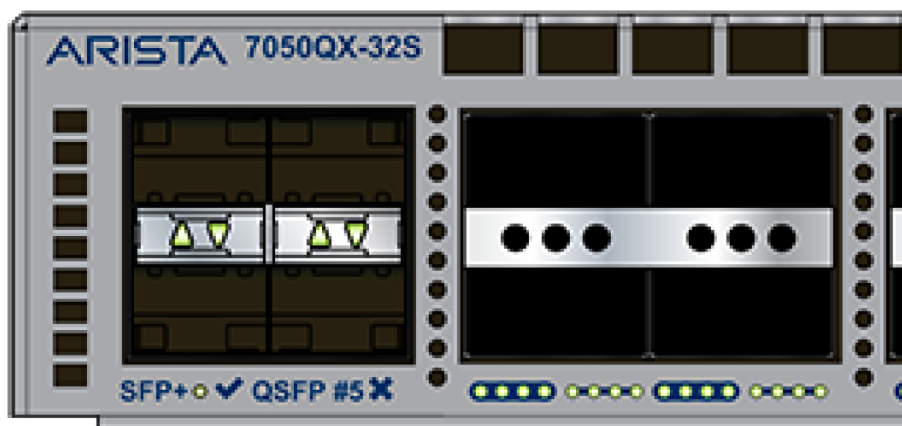
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# ARISTA

## ARISTA 7050 Series 1RU AppendixA Status Indicators



## Status Indicators

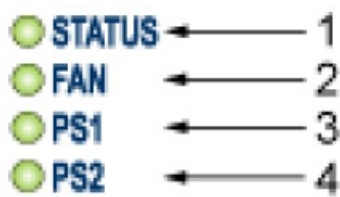
### Front Indicators

### Switch Indicators

Front panel LEDs are located on the right side of the chassis and display system, fan, and power supply status.

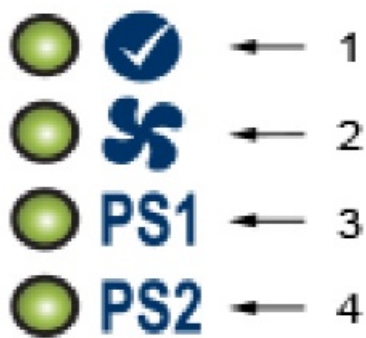
The front panel LEDs are labeled either as in Figure A-1 or as in Figure A-2. Check your device for the specific method utilized.

**Figure A-1: System Status Indicators**



- 1. System status LED
- 2. Fan status LED
- 3. Power supply 1 status LED
- 4. Power supply 2 status LED

**Figure A-2: System Status Indicators**



- 1. System status LED
- 2. Fan status LED
- 3. Power supply 1 status LED
- 4. Power supply 2 status LED

**Table A-1 Switch Indicators LED States (Front)**

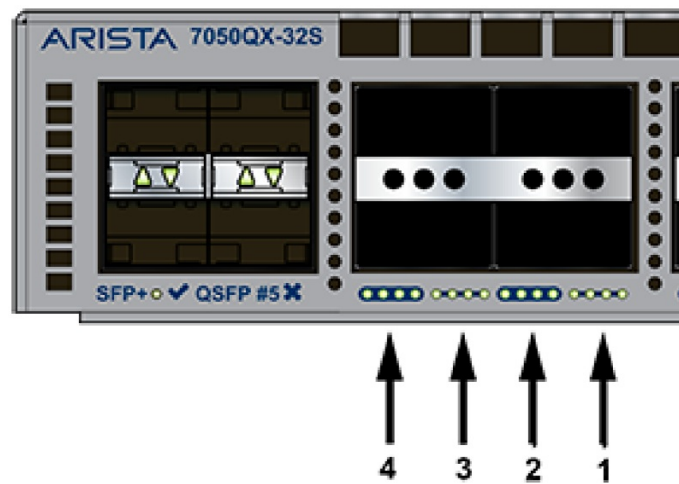
LED Name	LED State	Device Status
System Status LED	Blinking Green <sup>1</sup>	System is powering up.
	Green	Normal operations. Due to power supply and fan redundancy, this LED will remain green if a single fan or power supply is missing or in a failed state.
	Blue / Blinking Blue	The locator function is active.
	Amber / Yellow / Orange	Two or more fans (any combination of fan modules or PSU fans) are disconnected or malfunctioning or incompatible. The switch will automatically execute a “graceful shutdown” shortly.
Fan Status LED	Green	All fan and power modules are operating normally.
	Amber / Yellow / Orange	Single fan module is removed or malfunctioning. It is also amber when a PSU is completely removed or has a stuck fan rotor.
	Red	Two or more fans (any combination of fan modules or PSU fans) are disconnected or malfunctioning. The switch will automatically execute a “graceful shutdown” shortly.
PSU [1:2] Status LED	Green	PSU is functioning and fully operational. AC is present, Aux output is ON, and Main output is ON.
	Red	PSU has been removed or is not operating properly due to AC cord being unplugged, its fan rotor being stuck, or an internal fault.

System could take up to ten minutes to boot up and be ready for operation. Other LEDs could be off.

### Port Indicators

Port LEDs, located in the vicinity of their corresponding ports, provide link and operational status. Figure A-3 displays the Port LED location on the DCS-7050QX-32S switch.

#### Figure A-3: Port LEDs



1. Port 4 LEDs
2. Port 3 LEDs
3. Port 2 LEDs
4. Port 1 LEDs

Table A-2 provides status conditions that correspond to port LED states. Port LED behavior for QSFP+ and SFP+ ports is consistent.

**Table A-2 Port LED States (Front)**

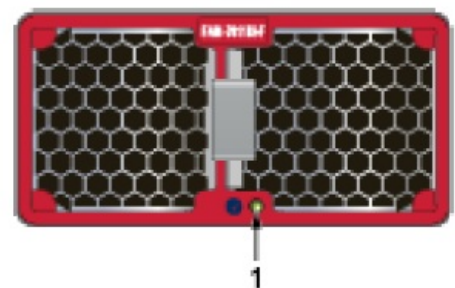
LED State	Status
Off	Port link is down.
Green	Port link is up.
Yellow / Orange / Amber	Port is software disabled.
Flashing Yellow	Software controlled.

## Rear Status Indicators

Fan and power supply modules are accessed from the rear panel. Each fan and power supply module contains an LED that reports the module status.

Fan module status LEDs are on the fan modules, as displayed in Figure A-4.

**Figure A-4: Fan Status LED**



Fan module status LED

**Note:** Handle or bezel color indicates airflow direction.

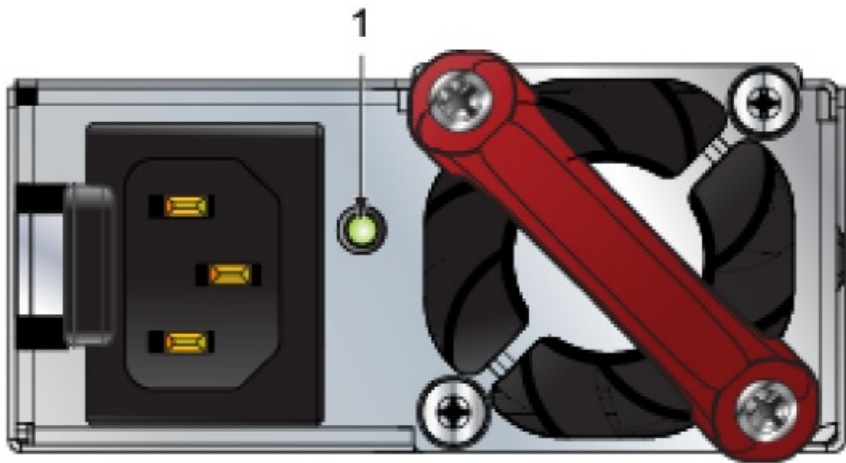
Table A-3 provides status conditions that correspond to fan status LED states.

**Table A-3 Fan Status LED States (Rear)**

LED State	Status
Off	The fan module is not detected. If it is inserted, it may not be seated properly.
Green	The fan is operating normally. This LED state is exclusive to its fan module, and independent of the states of its neighboring fans and power supplies.
Red	The fan has failed.

The AC Power Supply Status LEDs are on the power supply modules, as displayed for a representative PSU, in Figure A-5.

**Figure A-5: AC Power Supply Status LED**



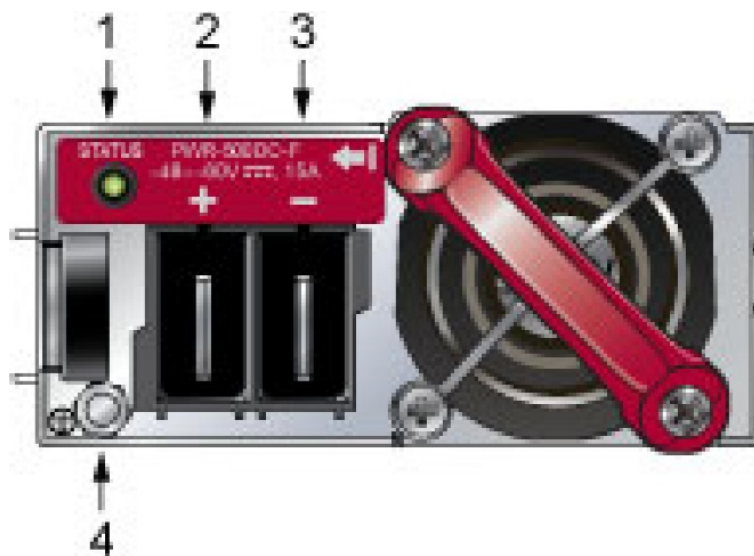
Power supply status LED

**Table A-4** provides status conditions that correspond to the AC power supply status LED states.  
**Table A-4 AC Power Supply Status LED States (Rear)**

Power Supply State	PWR-500AC-F PWR-500AC-R	PWR-511-AC-RED PWR-511-AC-Blue
Input power present Normal operation	Green	Green
Input power present Power Supply fault	Yellow / Amber / Orange	Yellow
No Input power Supply installed in chassis	Off	Off
Input power present Supply not installed in chassis	Green	Green

The DC Power Supply Status LEDs are on the power supply modules, as displayed for a representative PSU, in Figure A-6.

**Figure A-6: DC Power Supply Status LED**



1. Power supply status LED
2. -48V
3. Battery Return
4. Protective Earth

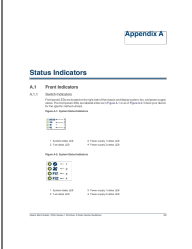
Table A-5 provides status conditions that correspond to the DC power supply status LED states.

**Table A-5 DC Power Supply Status LED States (Rear)**

Power Supply State	PWR-500-DC-F PWR-500-D C-R	PWR-511-DC-RED PWR-511-DC-B lue
Input power present Normal operation	Green	Green
Input power present Power Supply fault	Blinking Yellow	Blinking Yellow
No Input power Supply installed in chassis	Off	Off
Input power present Supply not installed in chassis	Blinking Yellow	Blinking Yellow

**Note:** You can narrow down the error condition by logging in to the switch to view the specific device state. Refer to the Arista User Manual's Switch Environment Control chapter, under the topic Viewing Environment Status, for further information on the show environment commands.

**Documents / Resources**

	<a href="#">ARISTA 7050 Series 1RU AppendixA Status Indicators</a> [pdf] User Guide 7050 Series, 1RU AppendixA Status Indicators
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