

Revised: August 5, 2025

# Prepare to Install - HF6100-32D

## Safety warnings

The Cisco 6000 Series Switches are designed to meet the regulatory compliance and safety approval requirements. For detailed safety information, see Regulatory Compliance and Safety Information.



### Warning

---

#### Statement 1071—Warning Definition

##### IMPORTANT SAFETY INSTRUCTIONS

Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Read the installation instructions before using, installing, or connecting the system to the power source. Use the statement number at the beginning of each warning statement to locate its translation in the translated safety warnings for this device.

##### SAVE THESE INSTRUCTIONS



### Note

---

#### Statement 407—Japanese Safety Instruction

You are strongly advised to read the safety instruction before using the product.

<https://www.cisco.com/web/JP/techdoc/pldoc/pldoc.html>

When installing the product, use the provided or designated connection cables/power cables/AC adapters.

〈製品使用における安全上の注意〉

[www.cisco.com/web/JP/techdoc/index.html](http://www.cisco.com/web/JP/techdoc/index.html)

接続ケーブル、電源コードセット、ACアダプタ、バッテリーなどの部品は、必ず添付品または指定品をご使用ください。添付品・指定品以外をご使用になると故障や動作不良、火災の原因となります。また、電源コードセットは弊社が指定する製品以外の電気機器には使用できないためご注意ください。



### Warning

---

#### Statement 1003—DC Power Disconnection

To reduce risk of electric shock or personal injury, disconnect DC power before removing or replacing components or performing upgrades.

---



## Note

---

### Statement 1005—Circuit Breaker

This product relies on the building's installation for short-circuit (overcurrent) protection. To reduce risk of electric shock or fire, ensure that the protective device is rated not greater than: 20A

---



## Warning

---

### Statement 1006—Chassis Warning for Rack-Mounting and Servicing

To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. The following guidelines are provided to ensure your safety:

- This unit should be mounted at the bottom of the rack if it is the only unit in the rack.
  - When mounting this unit in a partially filled rack, load the rack from the bottom to the top with the heaviest component at the bottom of the rack.
  - If the rack is provided with stabilizing devices, install the stabilizers before mounting or servicing the unit in the rack.
- 



## Warning

---

### Statement 1017—Restricted Area

This unit is intended for installation in restricted access areas. Only skilled, instructed, or qualified personnel can access a restricted access area.

---



## Warning

---

### Statement 1022—Disconnect Device

To reduce the risk of electric shock and fire, a readily accessible disconnect device must be incorporated in the fixed wiring.

---



## Warning

---

### Statement 1024—Ground Conductor

This equipment must be grounded. To reduce the risk of electric shock, never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor. Contact the appropriate electrical inspection authority or an electrician if you are uncertain that suitable grounding is available.

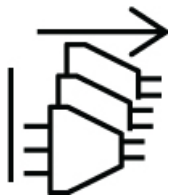
---

---

**Warning**

**Statement 1028**—More Than One Power Supply

This unit might have more than one power supply connection. To reduce risk of electric shock, remove all connections to de-energize the unit.



---

**Warning**

**Statement 1032**—Lifting the Chassis

To prevent personal injury or damage to the chassis, never attempt to lift or tilt the chassis using the handles on modules, such as power supplies, fans, or cards. These types of handles are not designed to support the weight of the unit.

---

**Warning**

**Statement 1033**—Safety Extra-Low Voltage (SELV)—IEC 60950/ES1—IEC 62368 DC Power Supply

To reduce the risk of electric shock, connect the unit *only* to a DC power source that complies with the SELV requirements in the IEC 60950-based safety standards or the ES1 requirements in the IEC 62368-based safety standards.

---

**Warning**

**Statement 1046**—Installing or Replacing the Unit

To reduce risk of electric shock, when installing or replacing the unit, the ground connection must always be made first and disconnected last.

If your unit has modules, secure them with the provided screws.

---

**Warning**

**Statement 1073**—No User-Serviceable Parts

There are no serviceable parts inside. To avoid risk of electric shock, do not open.

---

**Warning**

**Statement 1074**—Comply with Local and National Electrical Codes

To reduce risk of electric shock or fire, installation of the equipment must comply with local and national electrical codes.

---

## **Warning**

---

### **Statement 1089**—Instructed and Skilled Person Definitions

An instructed person is someone who has been instructed and trained by a skilled person and takes the necessary precautions when working with equipment.

A skilled person or qualified personnel is someone who has training or experience in the equipment technology and understands potential hazards when working with equipment.

There are no serviceable parts inside. To avoid risk of electric shock, do not open.

---

## **Warning**

---

### **Statement 1091**—Installation by an Instructed Person

Only an instructed person or skilled person should be allowed to install, replace, or service this equipment. See statement 1089 for the definition of an instructed or skilled person.

There are no serviceable parts inside. To avoid risk of electric shock, do not open.

---

## **Warning**

---

### **Statement 9001**—Product Disposal

Ultimate disposal of this product should be handled according to all national laws and regulations.

---

## **Site requirements**

### **General Requirements**

The switch should be placed in a well-ventilated, temperature-controlled area with proper power supply access and sufficient space for cabling connections

### **Power**

Reliable power supply with appropriate voltage and amperage to support the switch's power requirements.

### **Cooling**

Adequate airflow to maintain operating temperature within the operating temperature range between 0°C to 40°C (32°F to 104°F) and relative humidity between 10% to 90% non-condensing and an operating altitude of up to 10,000 feet (3000 meters).

### **Cabling**

Proper cabling infrastructure to connect to other network devices using the supported port types

### **Moisture Control**

Avoid placing the switch in areas with excessive humidity, as condensation can damage the device.

**Environment Specifications**

<b>Specification</b>	<b>Range</b>
Operating Temperature	0 to 40 degrees Celsius (32 to 104 degrees Fahrenheit)
Storage Temperature	-40 to 70 degrees Celsius (-40 to 158 degrees Fahrenheit)
Relative Humidity	10% to 90% (non-condensing)
Altitude	Up to 10,000 feet (3000 meters)