



## Pre-Installation Procedures

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This chapter provides pre-installation procedures for the Cisco ONS 15302. Chapter topics include shipment verification, site preparation, and equipment unpacking.

### 3.1 Shipment Verification

When you receive ONS 15302 system equipment at the installation site, immediately verify that the shipment is correct.



Note

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Cisco does not recommend shipping equipment that is mounted in racks. To ship equipment from one site to another, pack the equipment in the original box.

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Note

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If you store the ONS 15302 before installing it, keep the ONS 15302 system equipment in the original shipping containers. The storage period should not exceed 12 months. Store the packed equipment indoors in a well-ventilated and static-safe environment.

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#### 3.1.1 ONS 15302 Shipping Container Label

The ONS 15302 shipping container label provides specific information about the shipped item. The label displays information in alphanumeric bar code format. [Figure 3-1](#) shows a sample of a shipping container label.

Figure 3-1 Example of a Shipping Container Label

		Bar Code	
(3S) PKG ID:			
Bar Code			
(K) Cust PO:			
Bar Code			
(P) Cust P/N:			
(1P) Prod. #:			
Bar Code			
(S) Serial #:			
Bar Code			
(Q) Qty.:			
Bar Code			
Notes:			
S.O.#:		Bar Code	
Shipset:	FC-Date:	Bar Code Carton#:	
Bar Code			
60126			

### 3.1.2 Preliminary Inventory Check

Compare the packing list information with the alphanumeric information provided on the shipping labels. The packing list and shipping labels should contain the same information. If there are any discrepancies between the shipping label information and the packing list information, call the Cisco Technical Assistance Center (TAC). The phone numbers from TAC are available in the [www.cisco.com/warp/public/687/Directory/DirTAC.shtml](http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml) please have a look into this side for your country contact.

### 3.1.3 Reporting Damage

To report damage to shipped articles, contact the Cisco Technical Assistance Center (TAC) ([www.cisco.com/warp/public/687/Directory/DirTAC.shtml](http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml)) to open a Return Material Authorization and Fault Symptom Report (RMA).

## 3.2 Site Preparation

Verify that the installation site meets the following criteria:

1. The site conforms to all environmental specifications in the [Chapter 2, “Product Overview”](#).
2. The floor or mounting area where you will install the equipment can support the equipment.



Note

The following tables are based on typical ONS 15302 system configurations. Floor loading, power consumption, heat dissipation, and clearances may vary in specific customer configurations.

3. The installation site meets the power supply requirements of the ONS 15302 equipment. [Table 3-1](#) lists these requirements.

*Table 3-1 Power Supply Requirements by ONS 15302 Equipment Type*

Equipment Type	Power Supply Requirements
230 V 50Hz AC	230 V AC +/- 10%
-48 V DC	-36 to -72 V DC

4. The installation site meets the power consumption requirements of the ONS 15302 equipment. [Table 3-2](#) lists these requirements.

*Table 3-2 Power Consumption Requirements by ONS 15302 Equipment Type*

Equipment Type	Power Consumption Requirements
ONS 15302	40 W

5. The installation site meets the circuit breakers requirements of the ONS 15302 equipment. [Table 3-3](#) lists these requirements.

*Table 3-3 Circuit Breakers Requirements by ONS 15302 Equipment Type*

Equipment Type	Circuit Breakers Requirements
ONS 15302	1.5 A

6. Minimum recommended clearance is provided for accessing bays from the front and back, opening front covers, and clearing the top of the racks. [Table 3-4](#) provides clearance requirements.

*Table 3-4 Recommended Access Clearance*

Item	Recommended Clearance
Bay access needed for maintenance	Front access only, 500 mm (19.7 in.)
Back clearance to bays (if necessary)	500 mm (19.7 in.)

## 3.3 Unpacking

Use the following considerations when unpacking and storing ONS 15302 equipment:

- Leave equipment packed until it is needed for immediate installation.
- Store packed equipment in the temperature and environmental conditions described in the [Chapter 2, “Product Overview,”](#).
- After unpacking the equipment, save and store the packaging material in case the equipment must be returned.
- If the packaging is damaged and possible equipment damage is present, preserve as much of the packaging as possible to allow Customer Service and the shipper to analyze the damage. To report damage to shipped articles, contact the Cisco Technical Assistance Center (TAC) to open an RMA, [Chapter 3, “Reporting Damage”](#).

The following procedures contain specific instructions for unpacking ONS 15302 system equipment.

### Unpack the ONS 15302



Caution

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When opening the shipping container, use caution to avoid damaging the contents.

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Caution

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Static electricity can damage electro-optical equipment. While unpacking and handling optical and electrical modules, wear a grounding wrist strap to discharge the static buildup. Before unpacking and installing modules or making system interconnections, connect the grounding wrist strap. The grounding wrist strap is designed to prevent equipment damage caused by static electricity.

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- Step 1** Open the top of the cardboard shipping container.
- Step 2** Remove the ONS 15302 accessory kit and documentation CD out of the shipping container.
- Step 3** Take the ONS 15302 out of the shipping container.
- Step 4** Take the ONS 15302 out the plastic protective bag.

The ONS 15302 shipping container should contain the following items:

- One ONS 15302 configured as ordered
  - One Accessory kit (15302-SHIPKIT=, Cisco Part number 74-3173-01), which includes brackets and screws for 19" and 23" rack, disposable ESD wrist straps, one –48 VDC power and ground connector, one 230 VAC power supply cable, one ONSCLI cable, one blade terminal with screw and blade jack, a registration and warranty card, and a documentation CD.
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