Rack Model 1 and 2

Shipping and Unpacking

Quick Reference Guide

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About This Guide

The guide provides information about shipping and unpacking the Rack Model 1 and 2, technical and regulatory specifications.
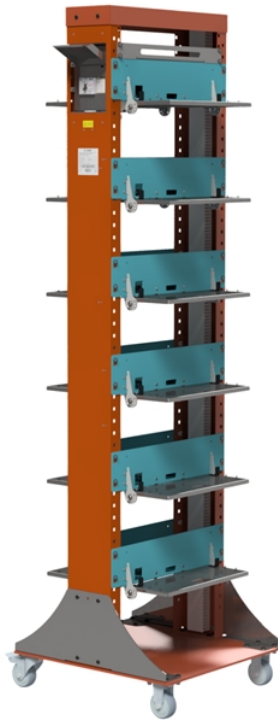
Shipping and Unpacking

This section provides information on shipping, recycling, and unpacking.

The Rack is designed to store and charge up to 60 mobile devices in a convenient semi-mobile rack. It can be configured with a Power Protection Unit (PPU) module (not available in the US) that protects the users and equipment from a range of electrical faults and incidents. It can also accommodate a network switch for high-speed communication with the mobile devices.

NOTE: The colors shown in the figures in this chapter are used to clearly distinguish different elements only and do not reflect the actual product colors.

Figure 1   Rack Model 2 with PPU

Shipping

Depending on the model, the Rack weighs between 68 kg (150 lbs) and 86 kg (190 lbs).

CAUTION: Due to the weight of the rack, two people are required to handle and unpack it.

They must always be shipped and handled in the upright position. Never lay them on their side as this could damage the shelves or distort the frame.

Recycling

All metal rack components are 100% recyclable.

All packaging components are recyclable. The pallet and transit brackets can be retained should the rack need to be moved. They can also be returned to the factory for reuse or recycling.

Refer to local recycling facilities for plastic and rubber components.

Tools

The following tools are needed to unpack and install the Rack:

- Box cutter or similar
- Pliers
- No. 2 Pozidriv screwdriver
- No. 25 Torx driver
- 10 mm spanner or adjustable wrench.

Warnings

WARNING: Strictly adhere to the following warnings:

- A high-touch current earth connection is essential before connecting the supply.
- A high leakage current earth connection is essential before connecting the supply.
- This product is class I and requires an Earth connection. The supplied mains lead must be used, or if replaced, it must be of the same or higher rating and have three conductors, Live, Neutral and Earth.
- To avoid electrical shock, do not touch the metal prongs of the plug when installing or removing the plug to or from the mains outlet.
- Failure to properly ground this equipment can cause electrocution or serious shock, particularly when used near other metal objects such as plumbing or structural metal work, such as mezzanine floor supports.
- If the power cable is worn, cut or damaged in any way, it must be replaced immediately to avoid shock or fire hazard.
- Before any installation or maintenance operations, ensure the equipment has been turned off and fully isolated. This may be achieved by switching off the mains and disconnecting the mains plug from the mains outlet.
- Check that the installed power supplies do not exceed the stated maximum rating.
- Ensure that the Rack is installed inside a building. It must not be installed outdoors or in a location that is subject to weather conditions.
- The Rack must be used with its operating specification, see Technical Specifications on page 7.

Rack Arrival and Location Requirements

The Rack arrives fixed to a half-Euro (or similar size) pallet and wrapped in a cardboard sleeve as shown in Figure 2. If it does not have wheels, move it near its final work position while still on the pallet. If it has wheels, it can be removed from the pallet wherever is most convenient.

The Rack should be located in a position with the following criteria:

- The floor must be level and flat.

- The Rack must be within range of a suitable power outlet, typically within 2 m (6 ft).

- The Rack must not be exposed to the elements. It must be installed in a building that is protected from moisture and excessively high and low temperatures.

Figure 2   Rack Wrapped and Fixed to Pallet

Unpacking

The unpacking process includes removing the cardboard top, the sleeve and the transit brackets.

1. Remove the cardboard top, which may be held in place with strapping fastened with adhesive tape or staples. Take care when removing it so as not to damage the paint of the rack beneath.

2. Remove the sleeve by splitting the sleeve at the corner join. As with the top, this might be fixed with tape or staples.

3. The Rack arrives fixed to the pallet with a pair of transit brackets (1).

Figure 3   Transit Brackets
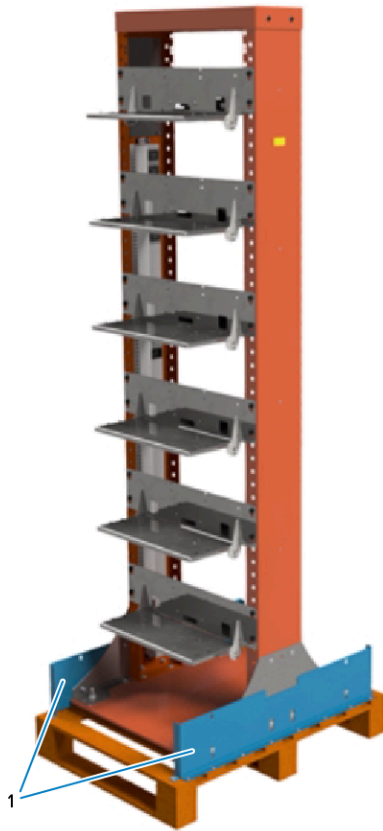
4. Each bracket, made from galvanized mild steel (not painted), is fixed to the pallet using ten wood screws (1) and to the rack using four M6 (2) nuts and bolts. Ensure that the rack and pallet are on a smooth level surface and remove all the M6 fixings and wood screws.

Figure 4   Transit Bracket Fasteners and Screws
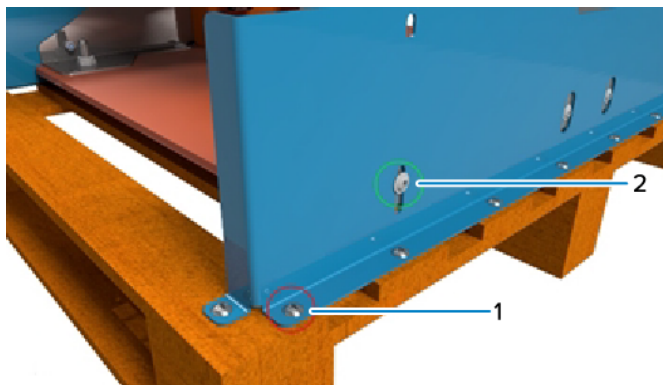
5. Move the transit bracket off to one side. The transit brackets and pallet can be retained for future use, returned to the factory for reuse, or recycled.

6. After the brackets are removed, maneuver the Rack off the pallet. This task requires two people as the Rack can weigh as much as 86 kg (190 lbs).

7. Move the Rack to its final working location and ensure it is stable and safe.

   - If the feet are chosen, then these must be adjusted to ensure the Rack is vertical. Use a spirit level to ensure the rack base plate is level in both X and Y planes.

   - If the wheels are chosen, then the brake wheels must be placed into their locked position. To do this, press the brake pedal until it clicks into place. Do this to both brake wheels.

   - If neither wheels nor feet are chosen, then having a flat and level floor is important.

Figure 5   Lockable Casters

This completes the physical unpacking and positioning of the Rack.

For the equipment installation process, refer to Rack Model 1 and 2 Installation Guide.

Technical Specifications

The following table details technical specifications for the Rack.

Item	CS-RAC					
Destination	Europe		North America	Europe		North America
Power Protection Unit	Yes	No	N/A	Yes	No	N/A
Part Code	CS-RAC-30-E-1	CS-RAC-30-E-0	CS-RAC-30-N-0	CS-RAC-60-E-1	CS-RAC-60-E-0	CS-RAC-60-N-0
Maximum Device Capacity	30 Devices			60 Devices		
Dimensions H x W x D (mm)	2000 x 550 x 600					
Weight (kg)	68 kg	67 kg	67 kg	87 kg	86 kg	86 kg

Item	CS-RAC					
Maximum Loading Per Shelf	10 kg Evenly Distributed					
Input Voltage	220 - 240 V	220 - 240 V	100 - 120 V	220 - 240 V	220 - 240 V	100 - 120 V
Power Distribution	Maximum of 1 Ampere Per Output Socket; Total Current Not to Exceed 7.5 A/ 13 A/ 10 A					
Maximum Current	7.5 A	13 A	10 A	7.5 A	13 A	10 A
Operating Temp Range (°C)	0°C to 30°C					
Maximum Humidity	80% None Condensing					
Maximum Operating Altitude	< = 2000 Meters					

Regulatory Information

This device is approved under Zebra Technologies Corporation.

This guide applies to the following model number: CS-RAC

All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required.

Local language translation / Tradução do idioma local / Übersetzung in die locale Sprache / Raduccion de idioma local / Traduction en langue locale / Prijevod na lokalni jezik / Traduzione in lingua locale / 現地語の 翻訳 / 현지 언어 번역 / Перевод на местный язык / 本地語言翻譯 / 本地语言翻译 / Yerel dil çeviri / Tłumaczenie na język lokalny: zebra.com/support.

Any changes or modifications to Zebra equipment not expressly approved by Zebra could void the user's authority to operate the equipment.

Declared maximum operating temperature: 30°C

$C\,\epsilon$ Marking and European Economic Area (EEA)

Statement of Compliance

Zebra hereby declares that this device is in compliance with Directives 2014/30/EU, 2014/35/EU and 2011/65/EU.

The full text of the EU Declaration of Conformity is available at: zebra.com/doc

Waste Electrical and Electronic Equipment (WEEE)

For EU Customers: For products at the end of their life, refer to recycling/disposal advice at: zebra.com/weee.

United States and Canada Regulatory

Radio Frequency Interference Notices

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio Frequency Interference Requirements – Canada

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-No 3 (B)/ NMB-3(B)

Türkiye

TÜRK WEEE Uyumluluk Beyanı

EEE Yönetmeliğine Uygundur.

Warranty

For the complete Zebra hardware product warranty statement, go to zebra.com/warranty.

Service Information

Before you use the device, it must be configured to operate in your facility's network and run your applications.

If you have a problem running your device or using your equipment, contact your facility's Technical or System Support. If there is a problem with the equipment, they will contact Zebra support at zebra.com/ support.

For the latest version of the guide, go to zebra.com/support.

Software Support

Zebra wants to ensure that customers have the latest entitled software at the time of device purchase to keep the device operating at peak performance levels. To confirm that your Zebra device has the latest entitled software available at the time of purchase, go to zebra.com/support.

Check for the latest software from **Support** > **Products**, or search for the device and select **Support** > **Software Downloads**.

If your device does not have the latest entitled software as of your device purchase date, email Zebra at entitlementservices@zebra.com and ensure you include the following required device information:

- Model number
- Serial number
- Proof of purchase
- Title of the software download you are requesting.

If it is determined by Zebra that your device is entitled to the latest version of software, as of the date you purchased your device, you will receive an email containing a link directing you to a Zebra website to download the appropriate software.

Product Support Information

- For information on using this product, refer to the User Guide/Product Reference Guide at zebra.com/guardian-cabinets-info.
- To find quick answers to known product behaviors, access our knowledge articles at supportcommunity.zebra.com/s/knowledge-base.
- Ask your questions in our Support community at supportcommunity.zebra.com.
- Download product manuals, drivers, software, and view how-to videos at zebra.com/support.
- To request a repair for your product, go to zebra.com/repair.

Patent Information

To view Zebra patents, go to ip.zebra.com.