

Dell EMC ME4 Series ME412 and ME424

Expansion Enclosures

Getting Started Guide

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Setting up the ME4 Series expansion enclosure

Consider the following best practices when setting up an ME4 Series expansion enclosure.

- Before connecting any cables between the storage system and the host server or expansion enclosure, physically label each port and connector.
- Always follow proper power-up and power-down procedures when cycling power across the network. Verify that critical network components are on separate power circuits.

⚠ WARNING: If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient temperature. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.

ⓘ NOTE: This product is intended for restricted access locations, such as a dedicated equipment room or equipment closet.

Safety warnings



Electrical disconnection warning

The system may have more than one PSU cable. To reduce the risk of electrical shock, a trained service technician may need to disconnect all PSU cables before servicing the system.



⚠ CAUTION: Class I laser radiation when open, avoid exposure to beam.

⚠ WARNING: Laser radiation, avoid direct exposure to beam.

The unit is certified in the U.S. to conform to the requirements of DHHS 21 CFR, chapter 1 Subchapter J for Class I (1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 60825-1.

Class I laser products are not considered to be hazardous. The laser system and unit are designed so there is never any human access to laser radiation above a Class I level during normal operation, user maintenance or prescribed service condition.

Other information you may need

To install the storage system, you may need the following additional information:

- i** **NOTE:** See the *Enterprise Products Safety, Environmental, and Regulatory Information* that shipped with your storage system. Warranty information is included as a separate document.
- The *ME4 Series Storage System Deployment Guide* provides information about cabling storage system hardware components and configuring a new storage system.
- The *ME4 Series Storage System Administrator's Guide* describes how to use the ME Storage Manager to manage ME4 Series storage systems.

Installation safety precautions

Always follow these safety precautions to avoid injury and damage to storage system equipment.

If equipment described in this guide is used in a manner not specified by the documentation, the protection provided by the equipment could be impaired. For your safety and protection, observe the rules described in the following sections.

Follow these safety precautions:

- It is recommended that only individuals with rack-mounting experience install the system in a rack.
- Make sure the storage system is always fully grounded to prevent damage from electrostatic discharge.
- When handling the storage system hardware, use an electrostatic wrist guard (not included) or a similar form of protection.

The chassis must be mounted in a rack. The following safety requirements must be considered when the chassis is being mounted:

- The rack construction must be capable of supporting the total weight of the installed chassis. The design should incorporate stabilizing features suitable to prevent the rack from tipping or being pushed over during installation or in normal use.
- To avoid danger of the rack toppling over, slide only one chassis out of the rack at a time.
- The storage system must be operated with low-pressure rear exhaust installation (back pressure created by rack doors and obstacles not to exceed 5 Pascals [0.5 mm water gauge]).

NOM information

The following information is provided on the device described in this document in compliance with the requirements of the official Mexican standards (NOM):

NOM information	
Importer	Dell México, S.A. de C.V Av. Javier Barros Sierra, no 540, Piso 10, Col. Lomas de Santa Fe Delegación Álvaro Obregón, Ciudad de México C.P. 01219 R.F.C: DME9204099R6
Model numbers	E09J, E10J
Supply voltage	100–240 VAC
Frequency	50/60 Hz
Current consumption	8.0-3.0A

Technical specifications

AC power supply specifications	
Maximum output power	580 W
Maximum input power	687 W
Maximum input current	8.8 A
Maximum inrush current	20 A
Nominal input voltage operating range	100-240 VAC
Nominal input frequency	50/60 Hz

Physical characteristics	
Height	87.9 mm (3.46 in)
Width across mounting flange	483 mm (19.01 in)
Width across enclosure body	443 mm (14.44 in)
Depth from face of mounting flange to back of enclosure body	576.8 mm (22.71 in)
Depth from face of mounting flange to rearmost enclosure extremity	602.9 mm (23.74 in)
Depth from face of front panel to rearmost enclosure extremity	629.6 mm (24.79 in)
Approximate weight (maximum configuration)	ME412: 28 kg (62 lb); ME424: 25 kg (55 lb)
Approximate weight without drives	4.8 kg (10.56 lb)