

Galaxy VL 1600-2000 kW UPS System

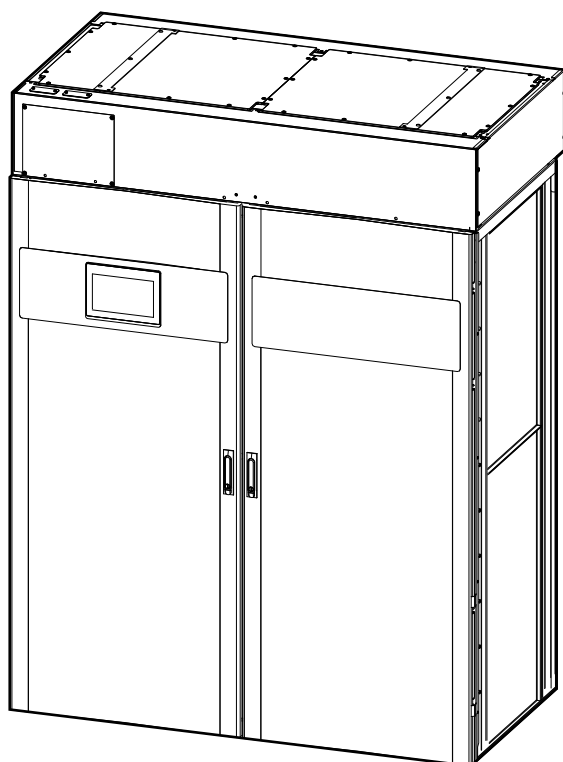
I/O Cabinet

Receiving and Unpacking

GVLIOCA2MW

Latest updates are available on the Schneider Electric website

10/2025



Legal Information

The information provided in this document contains general descriptions, technical characteristics and/or recommendations related to products/solutions.

This document is not intended as a substitute for a detailed study or operational and site-specific development or schematic plan. It is not to be used for determining suitability or reliability of the products/solutions for specific user applications. It is the duty of any such user to perform or have any professional expert of its choice (integrator, specifier or the like) perform the appropriate and comprehensive risk analysis, evaluation and testing of the products/solutions with respect to the relevant specific application or use thereof.

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this document are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owner.

This document and its content are protected under applicable copyright laws and provided for informative use only. No part of this document may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric.

Schneider Electric does not grant any right or license for commercial use of the document or its content, except for a non-exclusive and personal license to consult it on an "as is" basis.

Schneider Electric reserves the right to make changes or updates with respect to or in the content of this document or the format thereof, at any time without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this document, as well as any non-intended use or misuse of the content thereof.

Table of Contents

Important Safety Instructions — SAVE THESE

INSTRUCTIONS5

 Safety Precautions6

 Storage Conditions7

 I/O Cabinet Shipping Weights and Dimensions7

 Receiving.....8

Remove the I/O Cabinet from the Pallet.....9

Important Safety Instructions — SAVE THESE INSTRUCTIONS

Read these instructions carefully and look at the equipment to become familiar with it before trying to install, operate, service or maintain it. The following safety messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a “Danger” or “Warning” safety message indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages with this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in death or serious injury**.

Failure to follow these instructions will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in death or serious injury**.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in minor or moderate injury**.

Failure to follow these instructions can result in injury or equipment damage.

NOTICE

NOTICE is used to address practices not related to physical injury. The safety alert symbol shall not be used with this type of safety message.

Failure to follow these instructions can result in equipment damage.

Please Note

Electrical equipment should only be installed, operated, serviced, and maintained by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Safety Precautions

⚠ WARNING

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Do not unpack the units before the time of installation.
- Cover the units and store the units in a temperature controlled indoor environment free of conductive contaminants and humidity, where the units are protected from moisture until the time of start-up. Moisture inside the cabinet can create hazardous short circuits.

Failure to follow these instructions can result in death, serious injury, or equipment damage.




NOTICE

RISK OF EQUIPMENT DAMAGE

- Wait until the system is ready to be powered up before installing batteries in the system. The time duration from battery installation until the UPS system is powered up must not exceed 72 hours or 3 days.
- Batteries must not be stored more than six months due to the requirement of recharging. If the UPS system remains de-energized for a long period, Schneider Electric recommends that you energize the UPS system for a period of 24 hours at least once every month. This charges the batteries, thus avoiding irreversible damage.

Failure to follow these instructions can result in equipment damage.

Storage Conditions

		
Storage temperature: -25 °C to 55 °C (-13 °F to 131 °F)	Relative humidity: 10-80% non-condensing	Altitude: 0-10000 m (0-32000 ft)

I/O Cabinet Shipping Weights and Dimensions

Commercial reference	Weight kg (lbs)	Height mm (in)	Width mm (in)	Depth mm (in)
GVLIOCA2MW	1342 (2958)	2445 (96.25)	1918 (75.50)	1050 (41.33)

Receiving

External Inspection

When the shipment arrives, inspect the shipping materials for any signs of damage or mishandling. Check tilt and/or impact indicators. Do not attempt to install the system if any damage is apparent. If any damage is noted, contact Schneider Electric customer support and file a damage claim with the shipping agency within 24 hours of receipt.

Compare the components of the shipment with the bill of lading. Report any missing items to the carrier and to Schneider Electric customer support immediately.

Verify that labelled units match the order confirmation.

Remove the I/O Cabinet from the Pallet

⚠ WARNING

HAZARD OF SERIOUS INJURY

Do not put your hands or feet under the cabinet while removing the pallet parts.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

NOTICE

RISK OF EQUIPMENT DAMAGE

Ensure that the floor is level and can support the weight of the jack when it carries the cabinet.

Failure to follow these instructions can result in equipment damage.

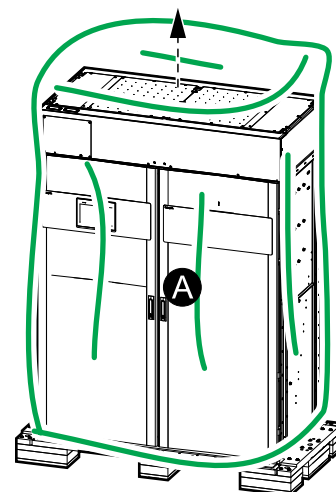
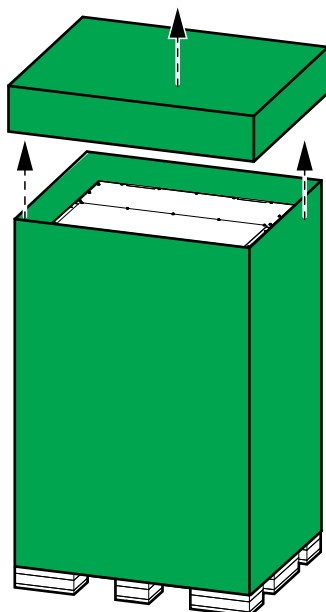
NOTICE

RISK OF EQUIPMENT DAMAGE

Be careful not to damage the cabinet when using the jack.

Failure to follow these instructions can result in equipment damage.

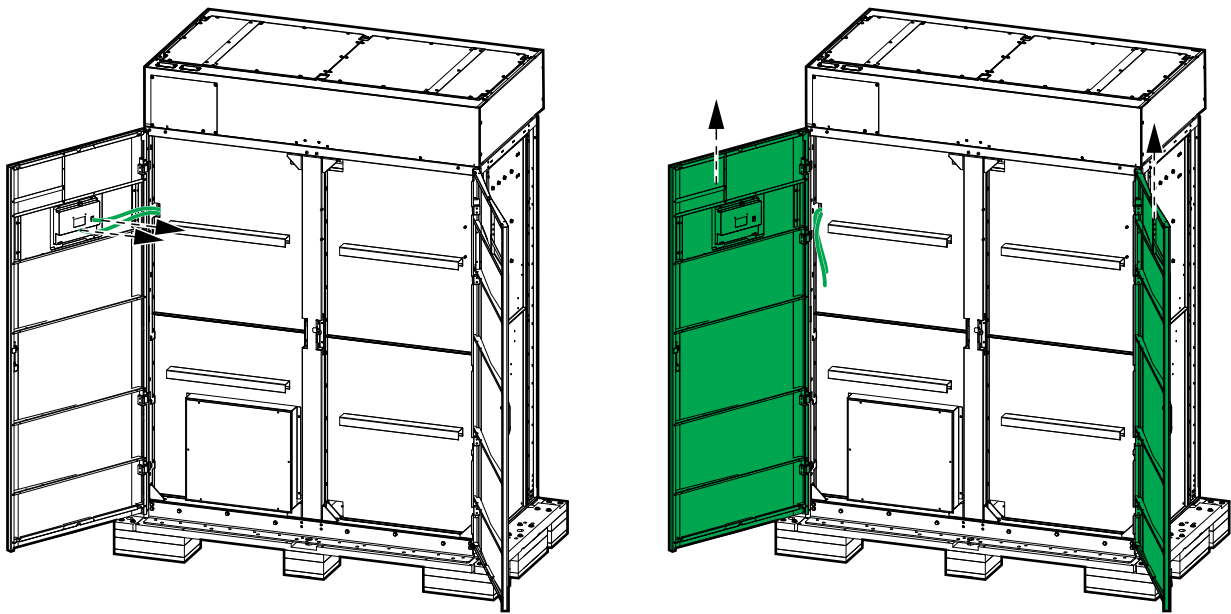
1. Move the I/O cabinet as close as possible to the final location with a pallet truck or a forklift before unpacking.
2. Remove the cardboard packaging. Remove the packaging bag (marked (A) in the illustration) without cutting it – save the packaging bag (A) for later use.



NOTE: Leave the four cardboard boxes on the rear of the I/O cabinet. These will be unpacked and used during installation.

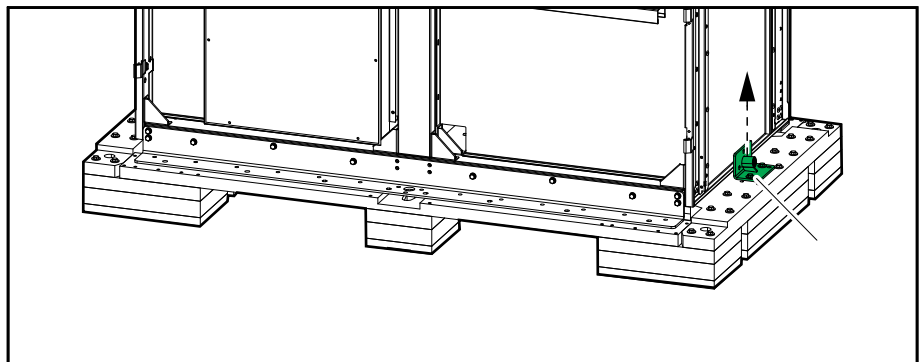
3. Open the front doors.

4. Disconnect the signal cables from the display. Roll up and fasten the signal cables to the front plate so they do not get damaged. Remove the front doors. Store the front doors safely until reinstallation.



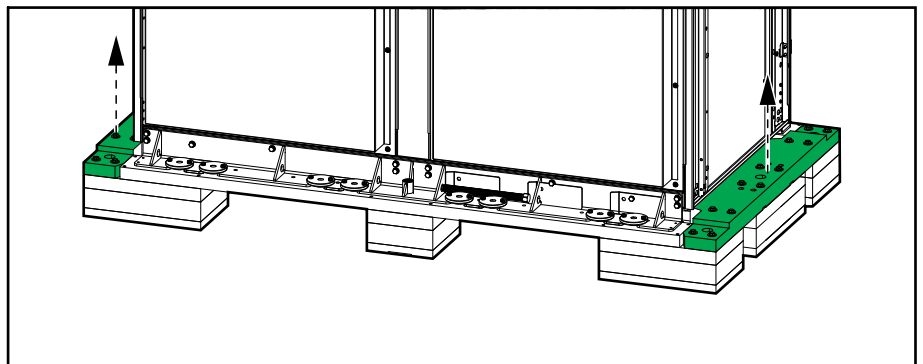
5. Remove the jack bracket (TME58808) from the right side of the pallet. Save the jack bracket for later use.

Front View

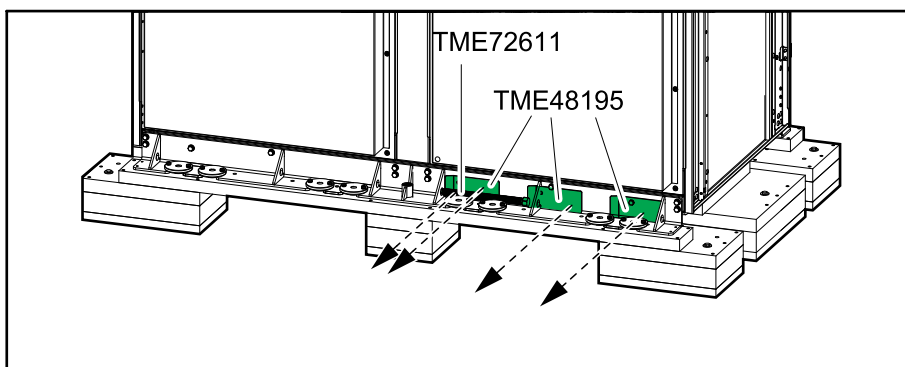


6. Remove the 16 wood screws and three long bolts from the left and right side of the pallet. Remove the left and right wooden parts.

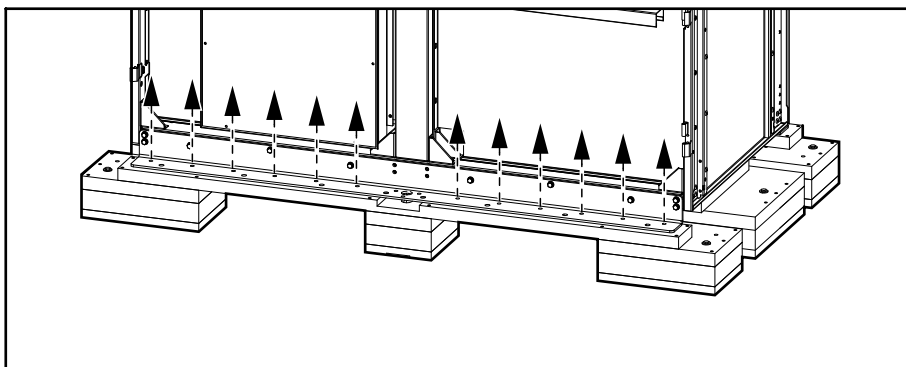
Rear View



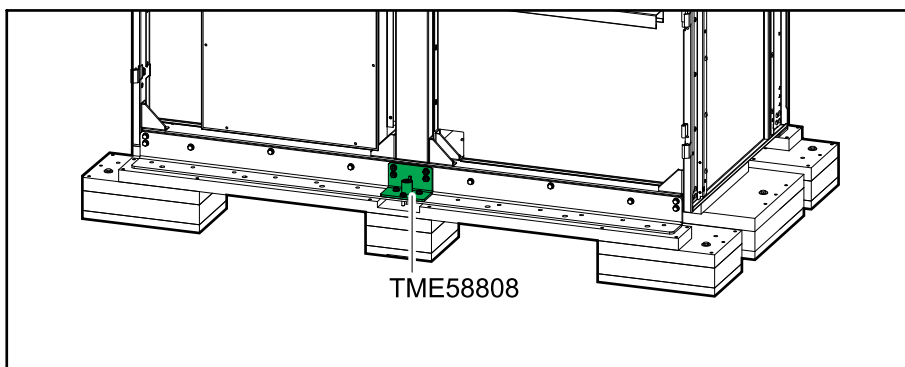
7. Remove the three floor protection plates (TME48195) and the jack (TME72611) from the cabinet. Save the three floor protection plates and the jack for later use.

Rear View

8. Remove the 12 wood screws from the front transportation bracket.

Front View

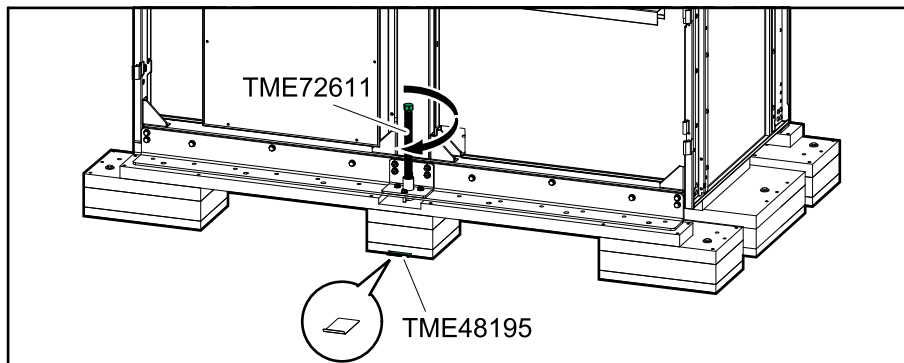
9. Install the jack bracket (TME58808) on the front transportation bracket with the four provided M8x30 bolts.

Front View

10. Place a floor protection plate (TME48195) under the middle part of the wooden pallet on the front of the cabinet. Insert the jack (TME72611) in the front transportation bracket. Use a drilling machine or a wrench to turn the jack to the right until the jack makes contact with the floor protection plate. Continue turning the jack to lift the cabinet.

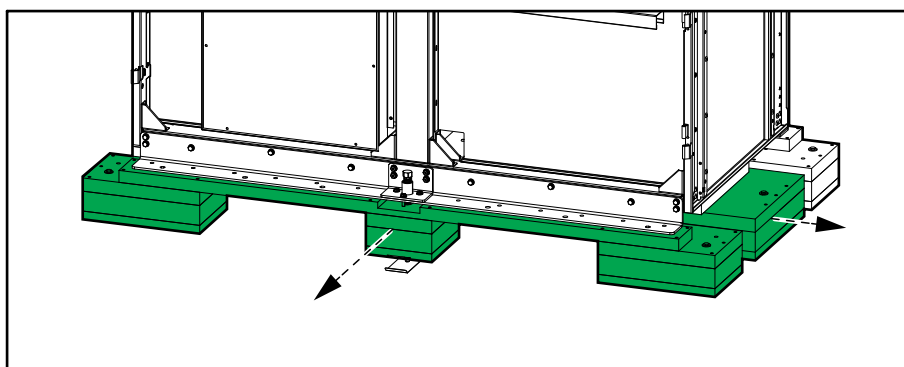
NOTE: Reduce the drill torque to the minimum to prevent kickback.

Front View



11. When the front of the cabinet rests on the jack, remove the front part and the middle part of the wooden pallet.

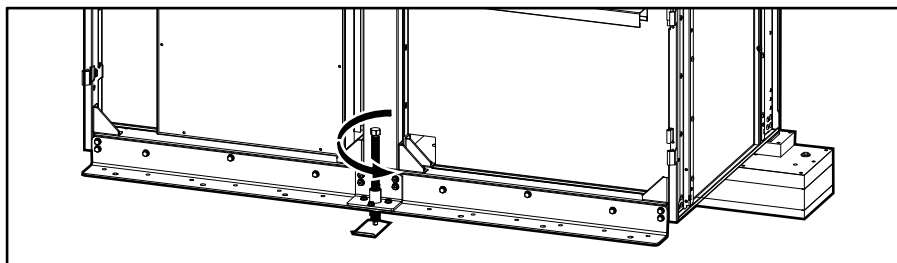
Front View



12. Use a drilling machine or a wrench to turn the jack to lower the cabinet down onto the floor. Turn the jack until it can be removed from the front transportation bracket.

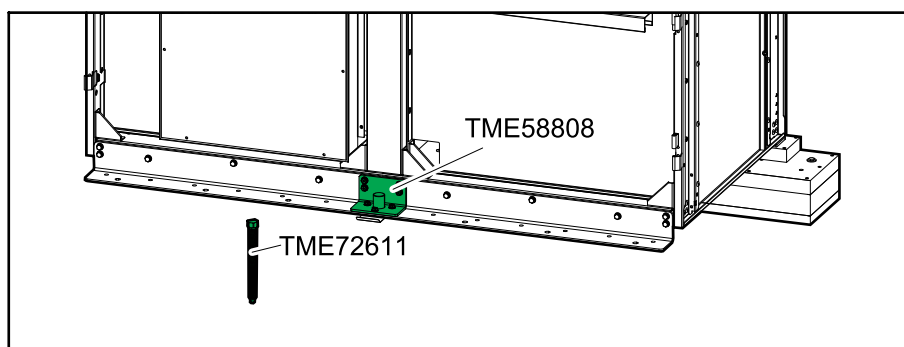
NOTE: Reduce the drill torque to the minimum to prevent kickback.

Front View



13. Remove the jack bracket (TME58808) and the jack (TME72611) from the cabinet. Save the jack (TME72611).

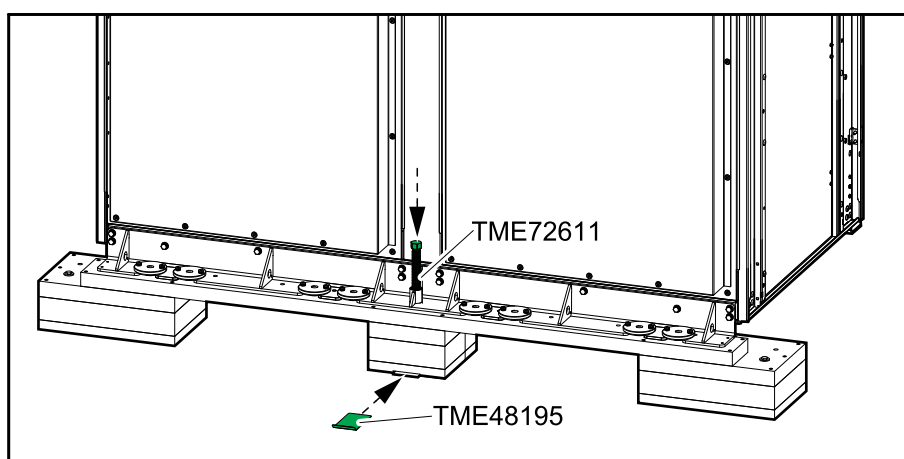
Front View



14. Place a floor protection plate (TME48195) under the rear part of the wooden pallet. Insert the jack (TME72611) in the rear transportation bracket. Use a drilling machine or a wrench to turn the jack to the right until the jack makes contact with the floor protection plate. Continue turning the jack to lift the cabinet.

NOTE: Reduce the drill torque to the minimum to prevent kickback.

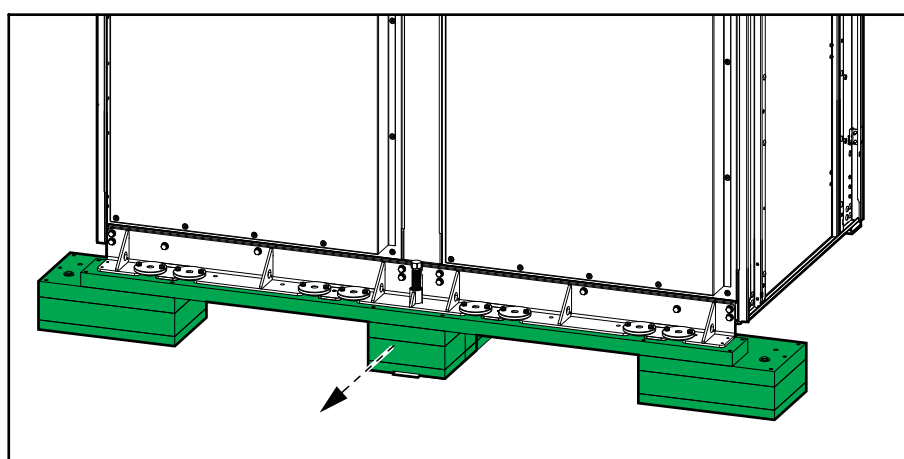
Rear View



15. When the rear of the cabinet rests on the jack, remove the rear part of the wooden pallet from under the cabinet. Use a drilling machine or a wrench to turn the jack to lower the cabinet down onto the floor. Turn the jack until it can be removed from the rear transportation bracket.

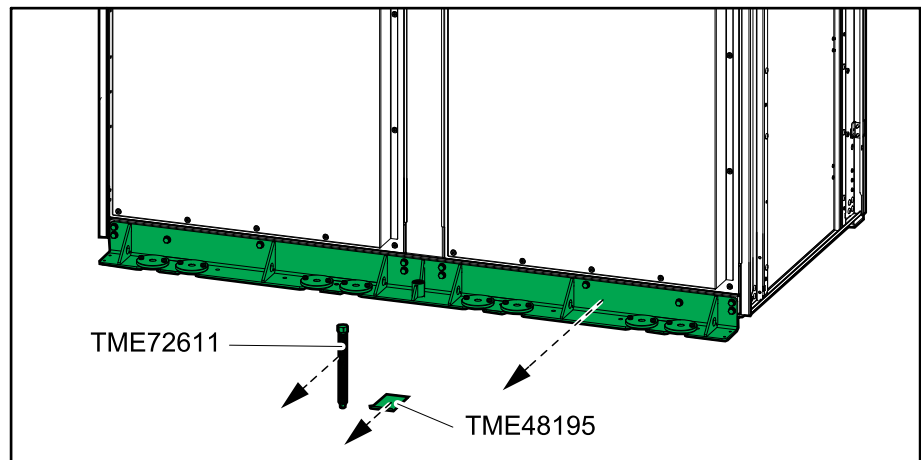
NOTE: Reduce the drill torque to the minimum to prevent kickback.

Rear View



16. Remove the rear transportation bracket, the jack (TME72611) and the floor protection plate (TME48195) from the cabinet. Save the rear transportation bracket and the screws, the rear transportation bracket is reused for seismic anchoring. See the installation manual for details.

Rear View



17. Reinstall the front doors. Reconnect the display signal cables to the display.
18. Close and lock the front doors.
19. Move the I/O cabinet to the final location by rolling it over the floor on the casters.

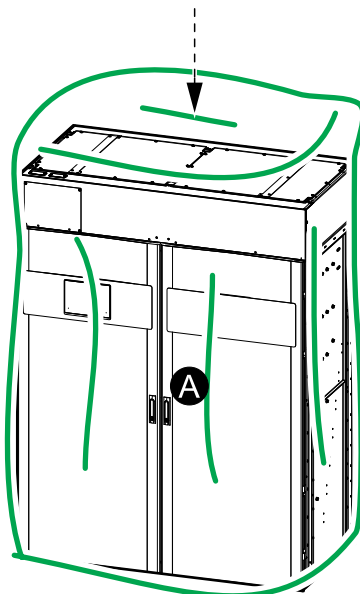
⚠ WARNING

TIPPING HAZARD

- The casters of the I/O cabinet are exclusively for transport on flat, even, hard, and horizontal surfaces.
- The casters of the I/O cabinet are intended for transport over short distances (i.e. inside the same building).
- Move at a slow pace and pay close attention on the floor conditions and the balance of the I/O cabinet.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

20. Cover the I/O cabinet with the packaging bag (marked (A) in the illustration) until time of installation. The packaging bag was removed in step 2.



Schneider Electric
35 rue Joseph Monier
92500 Rueil Malmaison
France

www.se.com



As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

© 2025 – 2025 Schneider Electric. All rights reserved.

990-94385A-001