

Transportation and Storage Guidelines

SolarEdge CSS-OD: Battery Cabinet 102.4 kWh

Version History

Version 1.0 (May 2024)

Overview

This document provides SolarEdge-certified Installers and logistics center personnel with the necessary details on packaging, storage, and shipping of [SolarEdge CSS-OD: Battery Cabinet 102.4 kWh](#) (referred to hereafter as the "Product"). For more information, contact [SolarEdge Support](#).

Safety

Refer to the [SolarEdge CSS-OD: Battery Cabinet 102.4 kWh Safety Data Sheet](#) for detailed safety and hazard information specific to the lithium-ion battery. All logistics companies in the supply chain are responsible for knowing and following all applicable regulations about the storage, handling, and transportation of dangerous goods as described in the safety data sheet (SDS).

Packaging and Handling

Packaging Specifications

The Product is packaged in a box that is designed to safely hold its parts. The Product is mounted on top of a pallet and protected by a wooden box during the transportation stage.

Packaging Parameter or Dimension	Value
Gross Weight	1578 [kg]
Width	1315 [mm]
Depth	1300 [mm]
Height	2555 [mm]

Handling Precautions

- During the whole process of loading, unloading, and transportation, the safety regulations of the country/region where the project is located must be followed.
- All personnel engaged in loading, unloading, and bolting should receive appropriate training.
- The Product should be transported and moved under good weather conditions as much as possible.
- Be sure to set up warning signs or warning tapes to prevent non-workers from entering the lifting and transporting area to avoid accidents.
- Remove all obstacles that exist or may exist during the movement, such as trees, cables, etc.
- During transportation the door of the Product must be locked.
- The Products package has 2 safety indicators: Tilt & Shock. Validate those indicators are in good condition and their indicator is not red. If any indicator is red, contact the SolarEdge support call center.
- When transported without the wooden packaging and the supporting pallet using a forklift, use the bottom slots located on the bottom of the cabinet.
- A forklift or crane can be used to transport the Product to its final location.
- Select a suitable forklift as described in the product Quick Start Guide.
 - When using a forklift to transport, the fork must be in the middle position to prevent overturning.
 - Before moving, please use ropes to fasten the equipment on the forklift.
- Paint scratches that occur during equipment transportation and installation must be repaired in time; it is strictly prohibited to expose the scratched parts to the outdoor environment for a long time.

Storage

Storage Duration	Allowable Temperature Range
6 months from the production date	-20 – (+)45 °C, 0~95%, non-condensing

- If the product has been stored for more than 6 months in its original package, recharging might be required. In such cases, do not ship the product before contacting the SolarEdge support team for technical guidelines.
- It is recommended the Product be stored in an indoor environment, such as a large warehouse on a dry, flat, firm ground with sufficient bearing capacity.
- The storage ground must be flat, free of water, no bumps or undulations.
- If the Product could be stored outdoors due to on-site conditions, it is recommended to raise its holding platform to prevent the packaging from accumulating rainwater.
- Inspect at least once every half month to check whether the Product is in good condition.

Transportation and Shipping

General Transport Guidelines

- The Battery Cabinet is a Class 9 dangerous good (UN3480, UN 3481 – Lithium-Ion Batteries) when being transported by commercial means, either by road, rail, or sea (ship).
- The liability of the Product is transferred when the ownership is transferred. Therefore, each distributor is responsible for shipping the product in accordance with the applicable transportation regulations.
- Shipping must be done according to local regulations.
- The UN Number and Proper Shipping Name for the battery is: “**UN 3480, Lithium-Ion Batteries**”.
- The UN Number and Proper Shipping Name are the same by any mode of transport, across the world.
- Each distributor is responsible for ensuring that staff who transport or offer to transport the battery are trained in accordance with the applicable transportation regulations.

Shipping by Truck

When shipping Class 9 dangerous goods by truck, guidelines can vary by region:

- Within Europe: Trucks carrying less than 300 kg are exempt from placards, and drivers are not required to have hazmat endorsement/licensing. Trucks carrying more than 300 kg are required to use placards and have hazmat endorsement/licensing.
- Within the United States, Australia, and New Zealand: Trucks are exempt from placards and drivers are not required to have hazmat endorsement/licensing.
- Shipping in all other regions: Please refer to local regulations.

In all regions, regardless of shipment weight, the driver must be made aware that the shipment contains Class 9 dangerous goods, which requires dangerous goods shipping paperwork. The paperwork can be in the form of a Bill of Lading (BOL), Job Sheet, or Delivery Order.

In addition to the guidance above, be sure to conform to all applicable national, state/provincial, and local regulations regarding storage and transport of Class 9 dangerous goods.

Shipping by Air

For shipping by air please refer to IATA/ADR regulations

Damaged Packaging and Repackaging

Damaged Packaging

If the product boxing appears damaged, DO NOT ship or transport the product.

In such a case, please contact the SolarEdge service team in your region. Service phone numbers for each country are available in the [SolarEdge CSS-OD: Battery Cabinet 102.4 kWh Safety Data Sheet](#) document.

For technical support or information on returning damaged units, fill out a service request on the SolarEdge website at: <https://www.solaredge.com/service/support>.



NOTE

For any shipment other than a new unit, that arrived from an approved SolarEdge factory, check with the SolarEdge partner who initiated the transport request and get formal confirmation to ensure that they have contacted SolarEdge and verified the unit is in a state of charge (SOC) that is safe to ship.

Repackaging

Repackaging of the battery is not allowed.