

# Symmetra PX 160 Classic Battery Cabinet

## Receiving and Unpacking

04/2015



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# 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 an indoor, temperature-controlled area, free of conductive contaminants, where the units are protected from moisture until the time of startup. Moisture inside the cabinet can create hazardous short-circuits.

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

## **⚠ CAUTION**

### **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, we recommend 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 injury or equipment damage.**

# Weights and Dimensions

## With Packaging

Product SKU	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
SYPBV96K160HA	850	2030	980	960
SYPBV96K160HB	1020	2030	980	960
SYPBV96K160H	130	2030	980	960

## Without Packaging

Product SKU	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
SYPBV96K160HA	830	1900	712	850
SYPBV96K160HB	1000	1900	712	850
SYPBV96K160H	110	1900	712	850

**NOTE:** The final weight of the cabinet with batteries depends on chosen runtime, number of battery blocks and battery brand and type. The weights given here are only approximate weights measured with a Schneider Electric battery solution and must only be used as an indication of an approximate final weight.

# Receiving

## External Inspection

When the shipment arrives, inspect the shipping material for any signs of damage or mishandling. Do not attempt to install the system if damage is apparent. If any damage is noted, contact Schneider Electric and file a damage claim with the shipping agency within 24 hours.

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

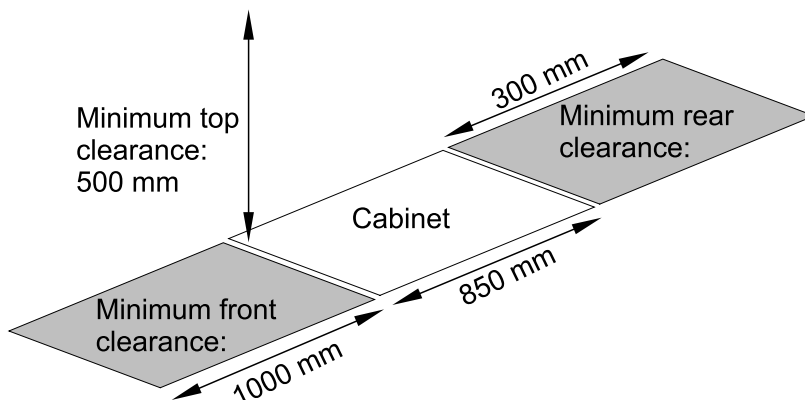
Verify that labelled units match the order confirmation.

## Environmental Conditions

	Operation	Storage
Temperature	0 °C to 40 °C	-15 °C to +45 °C
Relative humidity	5–95% Non-condensing	
Elevation	0 to 3000 m	0 to 15000 m
Protection	IP20	
Color	Black	

## Clearance

**NOTE:** Clearance dimensions are published for airflow and service access only. Consult with the local safety codes and standards for additional requirements in your local area.



**NOTE:** Leave 1000 mm of free space in front of the battery cabinet for door opening. The battery cabinet can be installed up against the wall with only 300 mm clearance for ventilation.

## Unpacking the Battery Cabinet

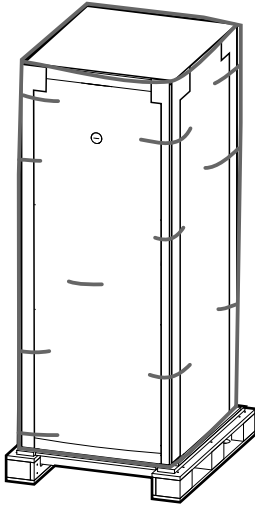
**NOTE:** The shipping materials are recyclable. Save them for later use, or dispose of them appropriately.

1. Lift the battery cabinet with a forklift. The cabinet must remain elevated on the forklift throughout the unpacking procedure.



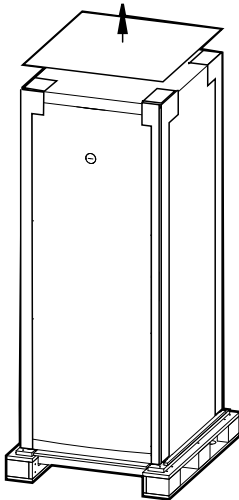


2. Cut open and remove the wrapping film.

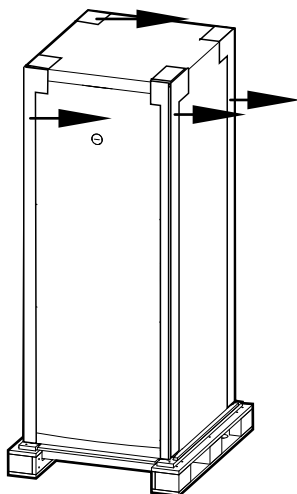


**NOTE:** The key to the door lock is fastened on the rear side of the cabinet under the film.

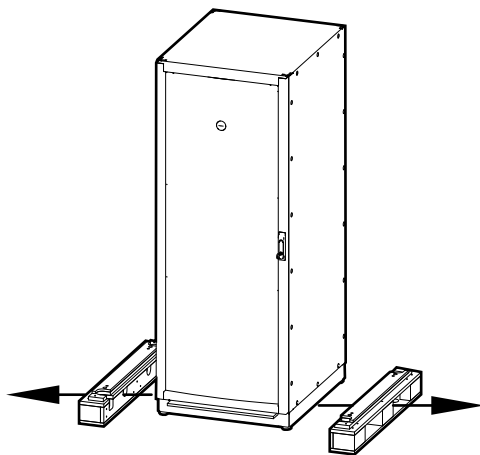
3. Remove the cardboard top cover.



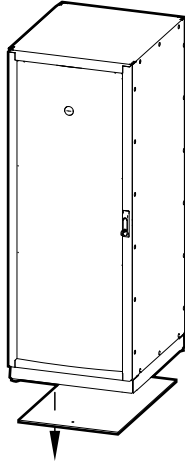
4. Remove the cardboard corner protectors.



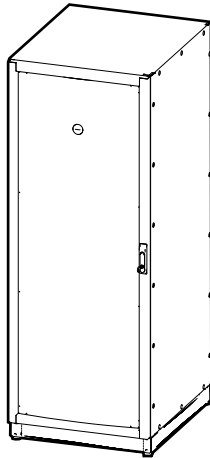
5. Remove the wooden skids.



6. Remove the screws securing the transport plate under the cabinet and remove the transport plate.



7. Position the cabinet in its final location with the forklift and place it on the floor.



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