

# Galaxy 5000

40–130 kVA 480 V

## Receiving and Unpacking

11/2016



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# 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:<br>-20 to 45 °C<br>(4 to 122 °F)                             | Relative humidity:<br>0 to 95% non-condensing                                     | Altitude:<br>0 to 10000m<br>(0 to 32,000 ft)                                      |

## Weights and Dimensions

| <b>Cabinet</b> | <b>Weight<br/>kg (lbs)</b> | <b>Height<br/>mm (in)</b> | <b>Width<br/>mm (in)</b> | <b>Depth<br/>mm (in)</b> |
|----------------|----------------------------|---------------------------|--------------------------|--------------------------|
| 40 kVA         | 400 (880)                  | 1900 (74.80)              | 712 (28.03)              | 848 (33.39)              |
| 50 kVA         | 400 (880)                  | 1900 (74.80)              | 712 (28.03)              | 848 (33.39)              |
| 60 kVA         | 400 (880)                  | 1900 (74.80)              | 712 (28.03)              | 848 (33.39)              |
| 80 kVA         | 540 (1188)                 | 1900 (74.80)              | 712 (28.03)              | 848 (33.39)              |
| 100 kVA        | 540 (1188)                 | 1900 (74.80)              | 712 (28.03)              | 848 (33.39)              |
| 130 kVA        | 540 (1188)                 | 1900 (74.80)              | 712 (28.03)              | 848 (33.39)              |



# Receiving

## External Inspection

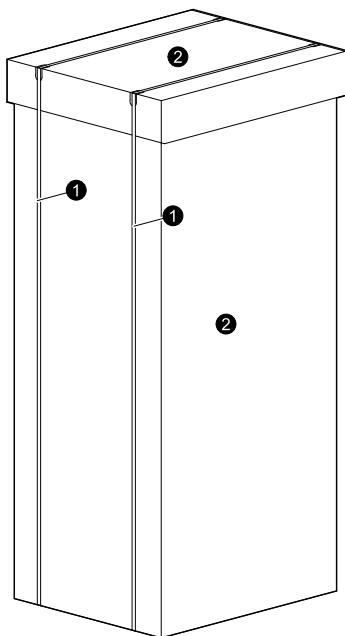
When the shipment arrives, inspect the shipping material for any signs of damage or mishandling. Check tilt and impact indicators. Do not attempt to install the system if a damage is apparent. If any damage is noted, contact Schneider Electric and file a damage claim with the shipping agency within 24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

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

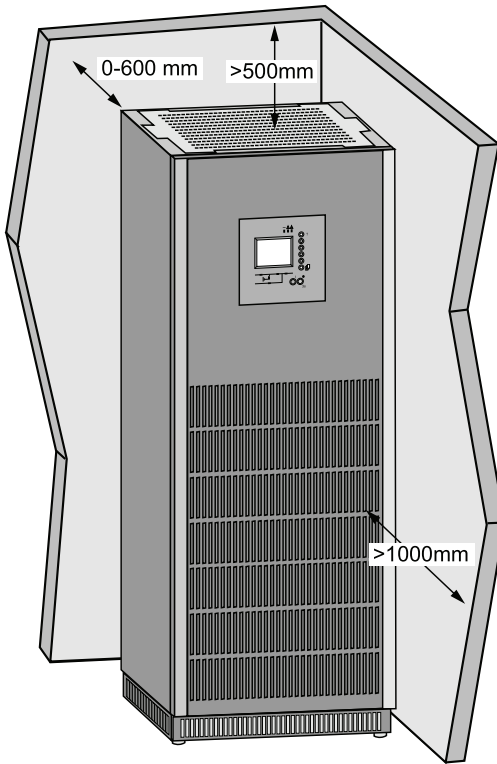
Verify that labelled units match the order confirmation.

# Unpack

1. Cut the strips that secures the cardboard.
2. Remove the cardboard cover.



# Clearance



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

**NOTE:** The UPS can be installed up against the wall, but it is preferable to leave some space for maintenance.

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