

Galaxy VM

160–200 kVA 400 V

Receiving and Unpacking

06/2016



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Table of Contents

Important Safety Instructions — SAVE THESE INSTRUCTIONS.....	5
Safety Precautions	6
Storage Conditions.....	7
Shipping Weights and Dimensions	8
UPS Shipping Weights and Dimensions.....	8
Modular Battery Cabinet Shipping Weights and Dimensions	8
System Bypass Cabinet Shipping Weights and Dimensions	8
Classic Battery Cabinet Shipping Weights and Dimensions	9
Battery Breaker Box Shipping Weights and Dimensions	9
Kits Shipping Weights and Dimensions	9
Receiving	10
Unpack the Cabinets.....	11

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: -15 °C to 40 °C (5 °F to 104 °F) for systems with batteries -25 °C to 55 °C (-13 °F to 131 °F) for systems without batteries	Relative humidity: 0–95% Non-condensing	Altitude: 0–15000 m (0–50000 ft)

Shipping Weights and Dimensions

UPS Shipping Weights and Dimensions

	Weight kg	Height mm	Width mm	Depth mm
160 kVA UPS (GVMSB160KHS) Power cabinet I/O cabinet	484.5 260	2156 2150	740 750	1052 1060
200 kVA UPS (GVMSB200KHS) Power cabinet I/O cabinet	510 260	2156 2150	740 750	1052 1060
160 kVA parallel UPS (GVMPB160KHS) Power cabinet I/O cabinet	484.5 260	2156 2150	740 750	1052 1060
200 kVA parallel UPS (GVMPB200KHS) Power cabinet I/O cabinet	510 260	2156 2150	740 750	1052 1060

Modular Battery Cabinet Shipping Weights and Dimensions

	Weight kg	Height mm	Width mm	Depth mm
Modular battery cabinet wide up to 12 battery module strings (GVMMODBCWS) ¹	252	2150	990	1060
Modular battery cabinet narrow up to 6 battery module strings (GVMMODBCNS) ¹	164	2150	750	1060

System Bypass Cabinet Shipping Weights and Dimensions

	Weight kg	Height mm	Width mm	Depth mm
System bypass cabinet (GVMSBC640KHEL)	425	2250	1030	1170

1. The weight is without batteries. Each battery module string (GVMMBTU) weights 4 x 31.5 kg

Classic Battery Cabinet Shipping Weights and Dimensions

	Total Weight kg	Cabinet Height mm	Cabinet Width mm	Cabinet Depth mm
Classic battery solution with 1 x wide A cabinet (GVMCBCWEA)	1725	2045	1380	1156
Classic battery solution with 2 x narrow C cabinet (GVMCBC2NEC)	2515	2045	1150	1156
Classic battery solution with 2 x wide C cabinet (GVMCBC2WEC)	3440	2045	1380	1156
Classic battery solution with 2 x wide D cabinet (GVMCBC2WED)	3440	2045	1380	1156
Classic battery solution with 3 x wide C cabinet (GVMCBC3WEC)	5123	2045	1380	1156
Classic battery solution with 3 x wide D cabinet (GVMCBC3WED)	5149	2045	1380	1156

Battery Breaker Box Shipping Weights and Dimensions

	Weight kg	Height mm	Width mm	Depth mm
Battery breaker box 630 A (GVMBBB630EL)	45	820	520	300

Kits Shipping Weights and Dimensions

	Weight kg	Height mm	Width mm	Depth mm
630 A battery breaker kit (GVMBBK630IEC)	10.7	262	377	766
800 A fuse kit (GVMFU800WW)	3.5	127	396	241
Cable kit 0N-9272	2.5	132	396	396
Cable kit 0N-9255	11.5	212	396	396
Cable kit 0N-9281	20.5	282	396	396

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 the Cabinets

NOTICE

RISK OF EQUIPMENT DAMAGE

Before unpacking the classic battery cabinets, ensure that all classic battery cabinets have the same Block Qty on the **Battery Information** label on the outside of the packaging. If the classic battery cabinets do not have the same Block Qty, contact Schneider Electric.

Failure to follow these instructions can result in equipment damage.

1. Take the key and the manuals from the plastic bags on the outside of the packaging and save for later use.

NOTE: For the I/O cabinet the key and the manuals are placed in the documentation holder on the rear side of the front door.

2. Cut the plastic wrap along the edges and remove.
3. Remove the cardboard cover.
4. Remove the corner protection.
5. Remove the bag.
6. Remove the kit parts from the pallet.
7. Cut the tape at the bottom of the cabinet and fold out the plastic bottom protection.
8. Remove and dispose of the silica bags.

NOTE: Refer to the installation manual shipped with the cabinet for information on how to remove from pallet.

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