

Galaxy VS Live Swap Kit (GVSOPT038) for UPS for External Batteries

Install the Live Swap Kit

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Turn the UPS system completely OFF before starting this procedure. The UPS must be fully isolated and de-energized and all battery breakers must be set to the OFF (open) position. Wait five minutes before opening the UPS to allow the capacitors to discharge. Measure for absence of power.

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

CAUTION

HEAVY LOAD

Power modules are heavy and require two persons to lift.

- 20 kW power module weighs 25 kg (55 lbs).
- 50 kW power module weighs 38 kg (84 lbs).

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

CAUTION

HEAVY LOAD

Some of the static switch modules are heavy and can require two persons to lift.

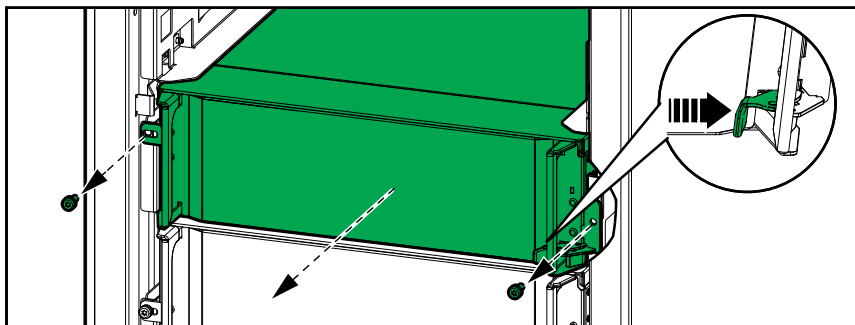
- 20 kW static switch module weighs 8 kg (18 lbs).
- 50 kW static switch module weighs 16 kg (35 lbs).
- 100 kW static switch module weighs 24 kg (53 lbs).
- 150 kW static switch module weighs 27 kg (60 lbs).

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

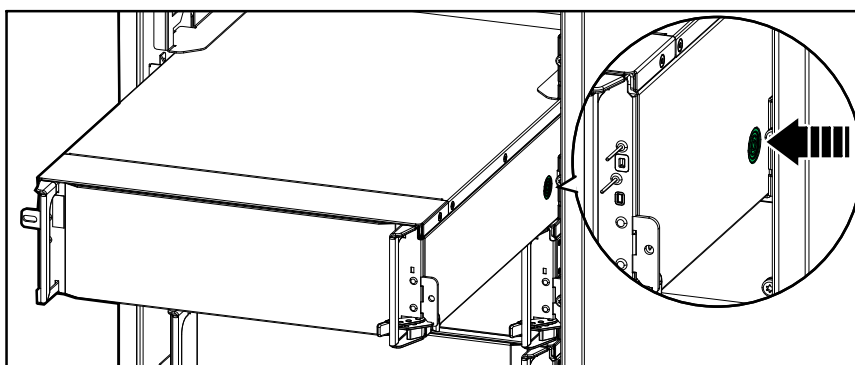
NOTE:

- The Live Swap kit GVSOPT038 must only be installed and enabled by a Schneider Electric-certified service partner.
 - If the Live Swap label (885-92558) is already present on the UPS it means that the Live Swap kit has been installed from the factory. In that case, installation of the Live Swap kit GVSOPT038 is not necessary.
1. Turn the UPS system completely OFF. The UPS must be fully isolated and de-energized and all battery breakers must be set to the OFF (open) position. Wait five minutes before opening the UPS to allow the capacitors to discharge.

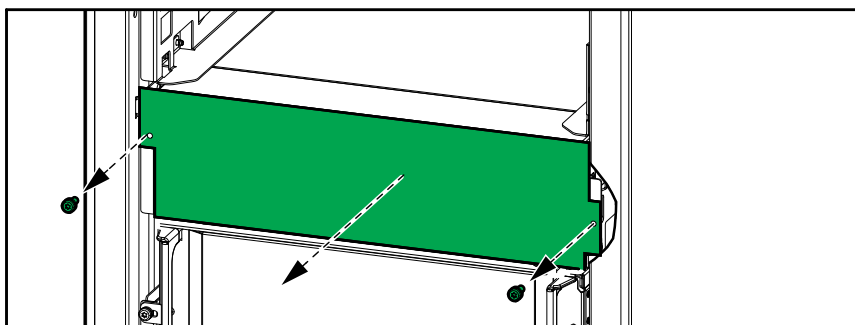
2. Remove the front panel from the UPS.
3. Measure for absence of power before continuing.
4. Remove all power modules from the UPS:
 - a. Remove the screws and push the unlock switch.



- b. Pull the power module halfway out. A locking mechanism prevents the power module from being pulled all the way out.
 - c. Release the lock by pressing the release button on both sides of the power module and remove the power module.

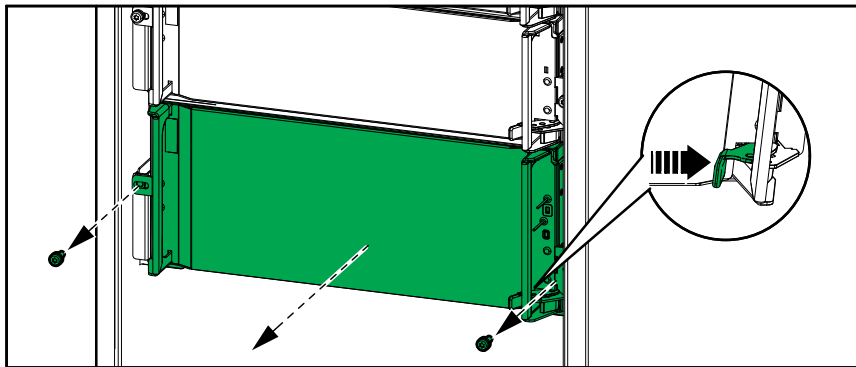


- d. Remove any filler plate(s) from the empty power module slot(s).

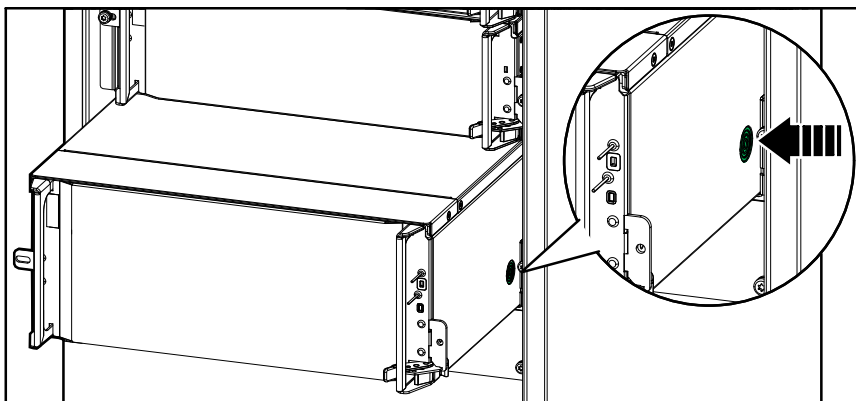


5. Remove the static switch module:

- a. Remove the screws from the static switch module and push the unlock switch.

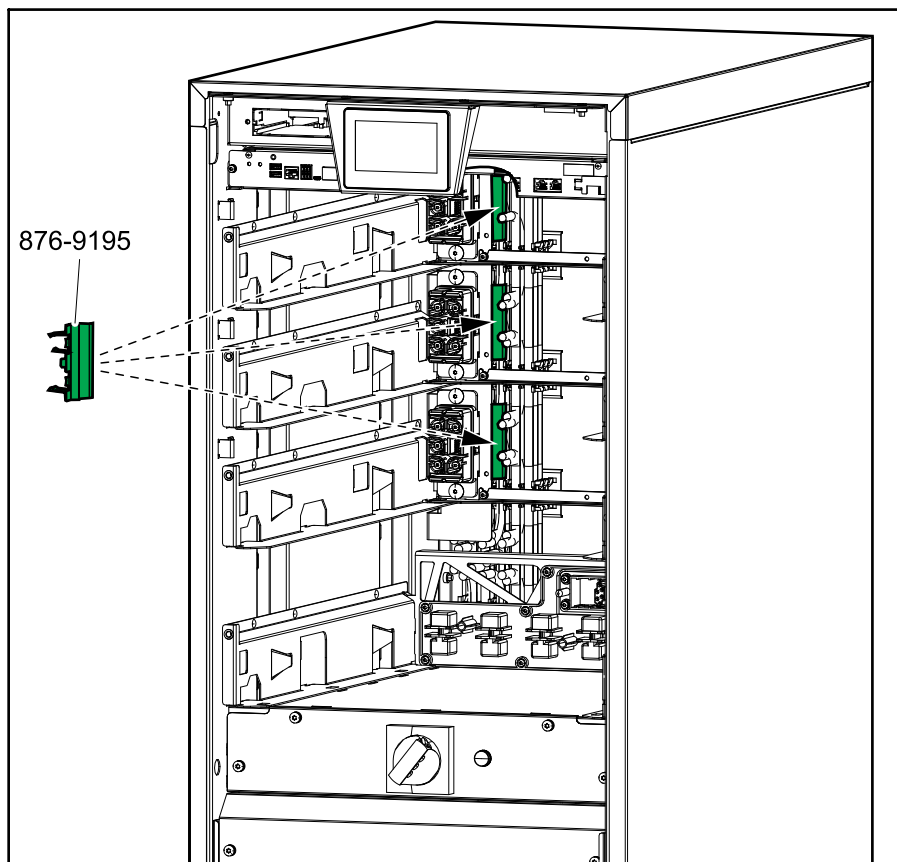


- b. Pull the static switch module halfway out. A locking mechanism prevents the static switch module from being pulled all the way out.
- c. Release the lock by pressing the release button on both sides of the static switch module and remove the static switch module.

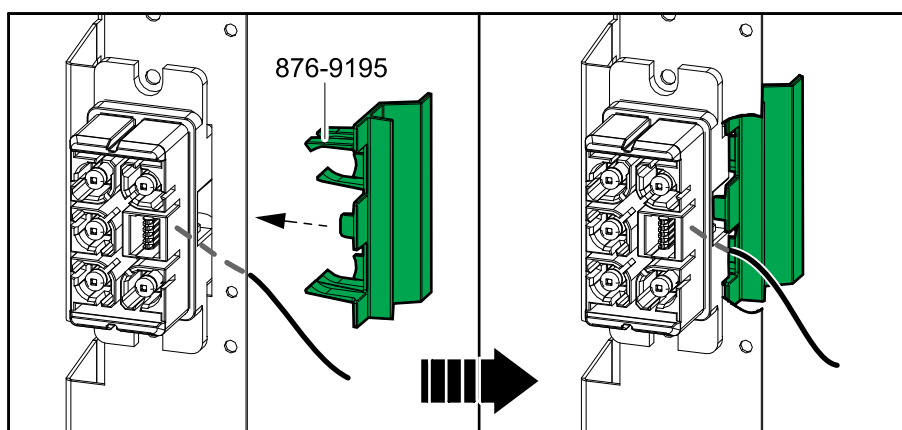


6. Click the three plastic parts (876-9195) onto the power module connectors located in the left side of the UPS. Note that some UPS models only have one or two power module connectors.

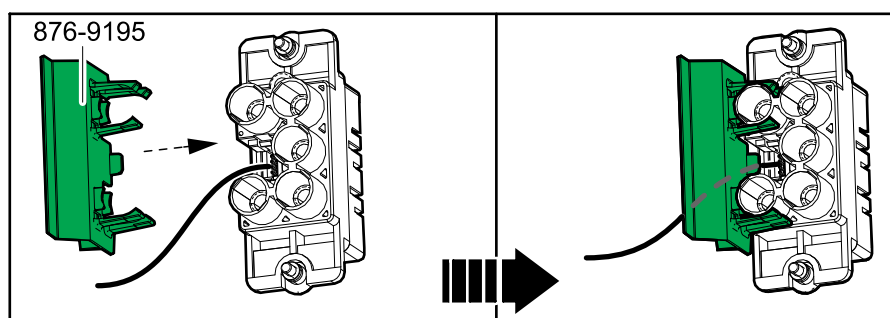
NOTE: Be careful not to disconnect or damage the signal cable (shown on illustrations) on the power module connector when installing the plastic part. The slot on the plastic part fits over the signal cable.



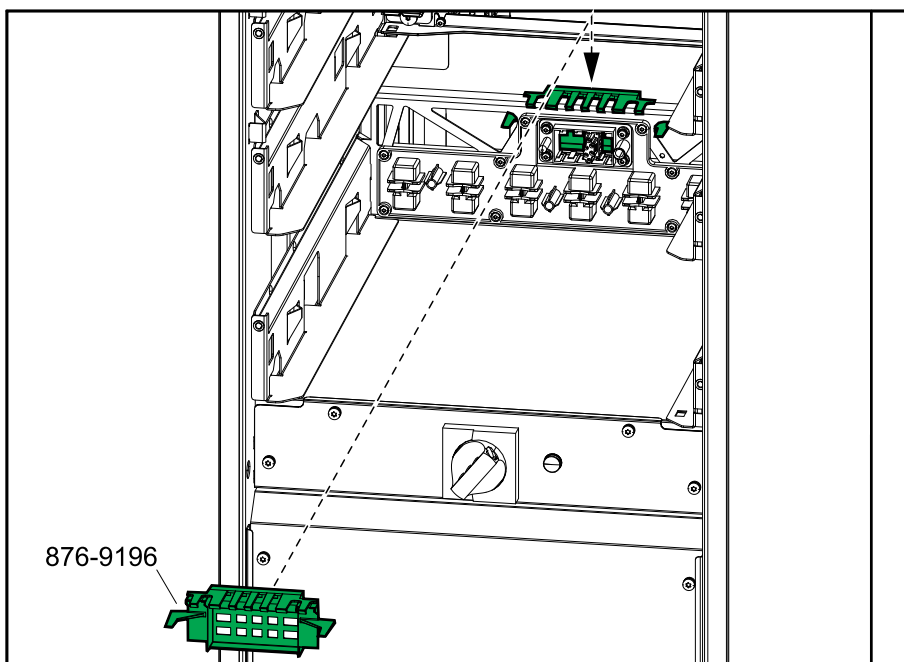
Plastic Part (876-9195) on Power Module Connector Seen from Front



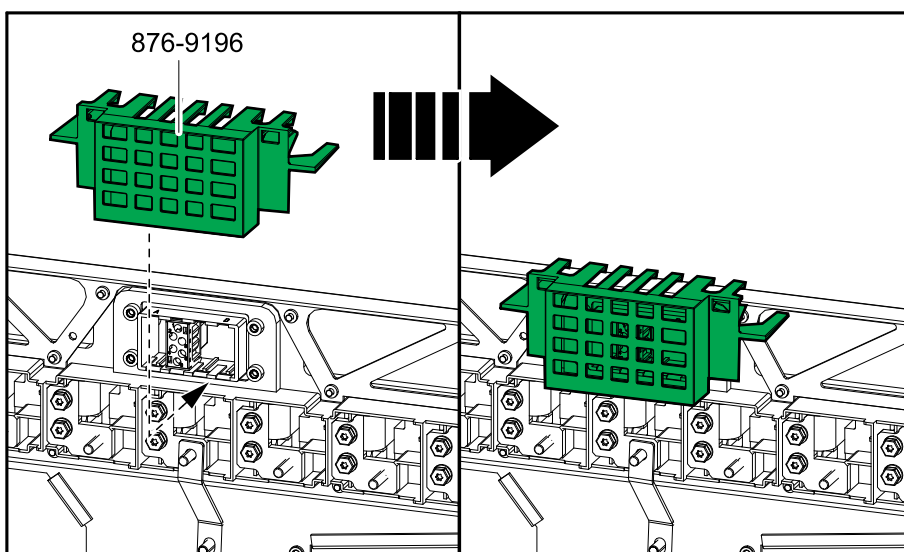
Plastic Part (876-9195) on Power Module Connector Seen from Rear



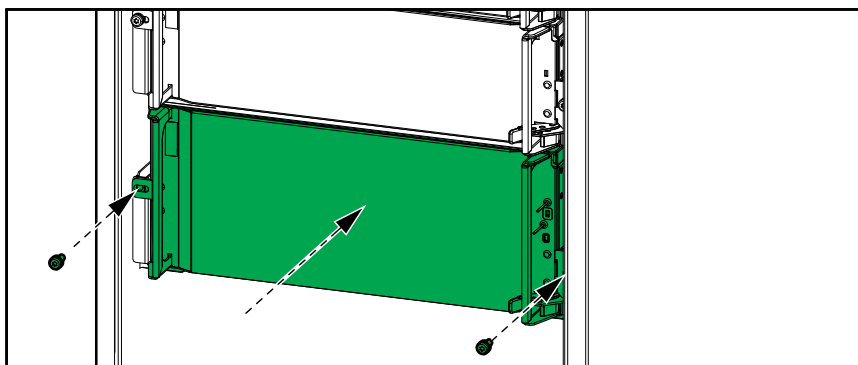
7. Click the plastic part (876-9196) onto the rear of the static switch connector located in the middle of the UPS.



Plastic Part (876-9196) on Static Switch Module Connector Seen from Rear

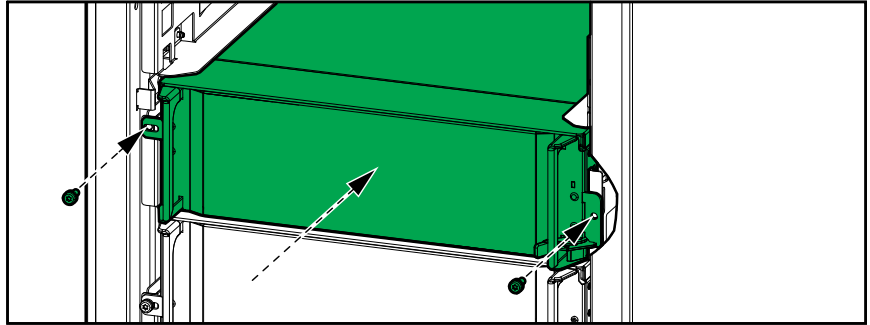


8. Reinstall the static switch module:
- Push the static switch module into the slot. The enable mechanism will latch when the static switch module is correctly inserted.
 - Install the provided screws in the static switch module.

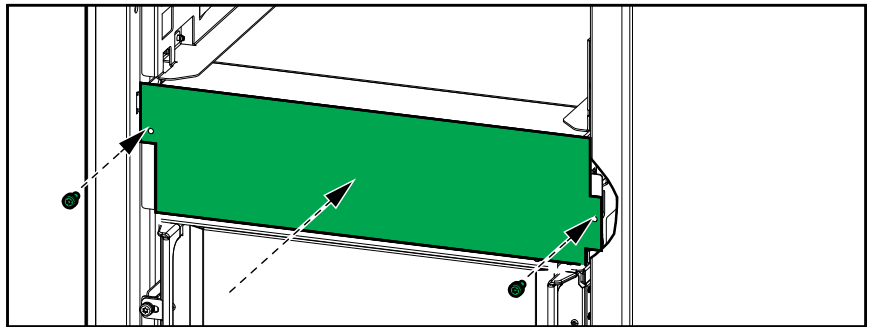


9. Reinstall the power module(s):

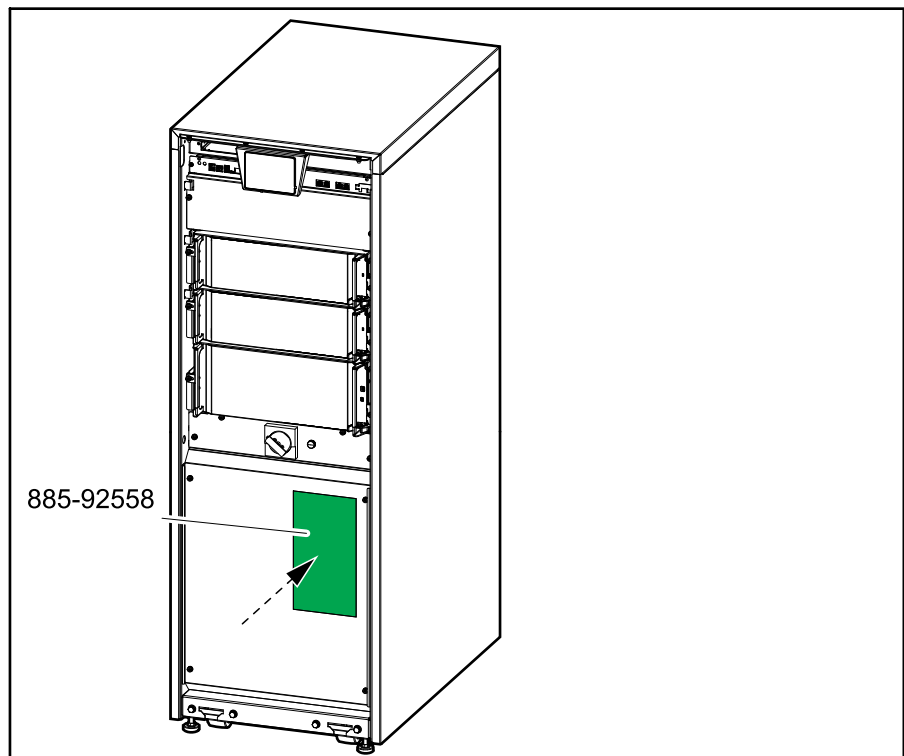
- a. Push the power module into the slot. The enable mechanism will latch when the power module is correctly inserted.
- b. Install the provided screws in the sides of the power module.



- c. Install a filler plate in front of any empty power module slot(s).



10. Attach the Live Swap label (885-92558) on the front of the UPS.



11. Adjust the breaker trip settings according to the UPS installation manual (newest edition dated AFTER May 2021).
12. **Only for parallel systems:** Attach label (885-92556) to the upstream circuit breaker as described in the UPS installation manual (newest edition dated AFTER May 2021).
13. Start up the UPS.

14. Connect to UPS Tuner and update the firmware of the UPS. Enable the Live Swap support for power module in UPS Tuner.