

# Galaxy 5500 Marine / Off Shore

**20 - 120 kVA 400 V**

## Receiving and Unpacking

06/2016



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Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

As standards, specifications, and designs change from time to time, please ask for confirmation of the information given in this publication.

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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**

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.**

# Weights and Dimensions

## UPS

Part		Max weight kg (lbs)	Maximum net height mm (in) <sup>1</sup>	Maximum net width mm (in)	Maximum net depth mm (in)
20 - 60 kVA	net	472 (1040.58)	2250 (88.58)	735 (28.94)	1095 (43.11)
	shipped	488 (1075.86)			
80 -100 kVA	net	572 (1261.05)			
	shipped	588 (1296.32)			
120 kVA	net	572 (1261.05)	2230 (87.80)		
	shipped	588 (1296.32)			

## Empty Battery Cabinet

Part		Weight kg (lbs)	Height mm (in)	Width mm (in)	Depth mm (in)
700 mm (narrow)	net	148 (326.29)	2100 (82.68)	700 (27.56)	860 (33.85)
	shipped	155 (341.72)	2220 (87.40)	740 (29.13)	890 (35.04)
1000 mm (wide)	net	199 (438.72)	2100 (82.68)	1000 (39.37)	860 (33.85)
	shipped	210 (462.98)	2220 (87.40)	1040 (40.94)	890 (35.04)
with 20/30 kVA circuit- breaker	net	148 (326.29)	2100 (82.68)	700 (27.56)	860 (33.85)
	shipped	155 (341.72)	2220 (87.40)	740 (29.13)	890 (35.04)
with 40 kVA circuit- breaker	net	199 (438.72)	2100 (82.68)	1000 (39.37)	860 (33.85)
	shipped	210 (462.98)	2220 (87.40)	1040 (40.94)	890 (35.04)
with 60 kVA circuit- breaker	net	199 (438.72)	2100 (82.68)	1000 (39.37)	860 (33.85)
	shipped	210 (462.98)	2220 (87.40)	1040 (40.94)	890 (35.04)
with 80 kVA circuit- breaker <sup>2</sup>	net	148 (326.29) + 199 (438.72)	2100 (82.68) + 2100 (82.68)	1000 (39.37) + 700 (27.56)	860 (33.85) + 860 (33.85)
	shipped	155 (341.72) + 210 (462.98)	2220 (87.40) + 2220 (87.40)	1040 (40.94) + 740 (29.13)	890 (35.04) + 890 (35.04)

1. Off Shore units : 2140 mm (84.25 in).
2. Two battery cabinets configuration.



### Empty Battery Cabinet

Part		Weight kg (lbs)	Height mm (in)	Width mm (in)	Depth mm (in)
with 100 kVA circuit- breaker <sup>3</sup>	net	148 (326.29) + 199 (438.72)	2100 (82.68) + 2100 (82.68)	1000 (39.37) + 700 (27.56)	860 (33.85) + 860 (33.85)
	shipped	155 (341.72) + 210 (462.98)	2220 (87.40) + 2220 (87.40)	1040 (40.94) + 740 (29.13)	890 (35.04) + 890 (35.04)
with 120 kVA circuit- breaker <sup>3</sup>	net	199 (438.72) + 199 (438.72)	2100 (82.68) + 2100 (82.68)	1000 (39.37) + 1000 (39.37)	860 (33.85) + 860 (33.85)
	shipped	210 (462.98) + 210 (462.98)	2220 (87.40) + 2220 (87.40)	1040 (40.94) + 1040 (40.94)	890 (35.04) + 890 (35.04)

### Empty Ancilliary Cabinet

Part		Weight kg (lbs)	Height mm (in)	Width mm (in)	Depth mm (in)
700 mm wide	net	110 (242.51)	2100 (82.68)	700 (27.56)	860 (33.85)
	shipped	117 (257.95)	2220 (87.40)	740 (29.13)	890 (35.04)
1000 mm wide	net	136 (299.83)	2100 (82.68)	1000 (39.37)	860 (33.85)
	shipped	147 (324.08)	2220 (87.40)	1040 (40.94)	890 (35.04)

### Covered Transformer 440V / 690V

Part		Max weight kg (lbs)	Maximum net height mm (in)	Maximum net width mm (in)	Maximum net depth mm (in)
60 KVA	net	395 (870.83)	920 (36.23)	850 (33.47)	680 (26.78)
	shipped	407 (897.29)			
80 KVA	net	400 (881.85)			
	shipped	412 (908.31)			
120 KVA	net	560 (1234.59)	1090 (42.92)	1037 (40.83)	800 (31.50)
	shipped	572 (1261.05)			

### 3. Two battery cabinets configuration.

# Delivery, storage, handling

## Delivery

- Check the equipment has not been subjected to a shock during transport that is likely to impair its operation (if this is the case, declare any reservations as to its use to the carrier).
- Check the characteristics noted on the delivery note correspond to those specified on the order acknowledgement form.

**In the event of a non-conformity, quote the shipping note reference when making your claim.**

## Storage/Handling

- Storage temperature: between -25°C and +45°C
- In its original packaging and in a dry and well ventilated place sheltered from rain, water sprays or splashes and chemical agents.
- In the event of extended storage after the original packaging has been removed, cover it in such a way it is protected from dust, debris, paint, etc.

**If higher or lower temperatures cannot be avoided during storage, please contact Schneider Electric.**

- The equipment should be moved and handled in its original packaging, which has been designed to provide maximum protection.

**Please dispose of the packaging in accordance with applicable legislation.**

### **WARNING**

#### **HAZARD OF TILTING**

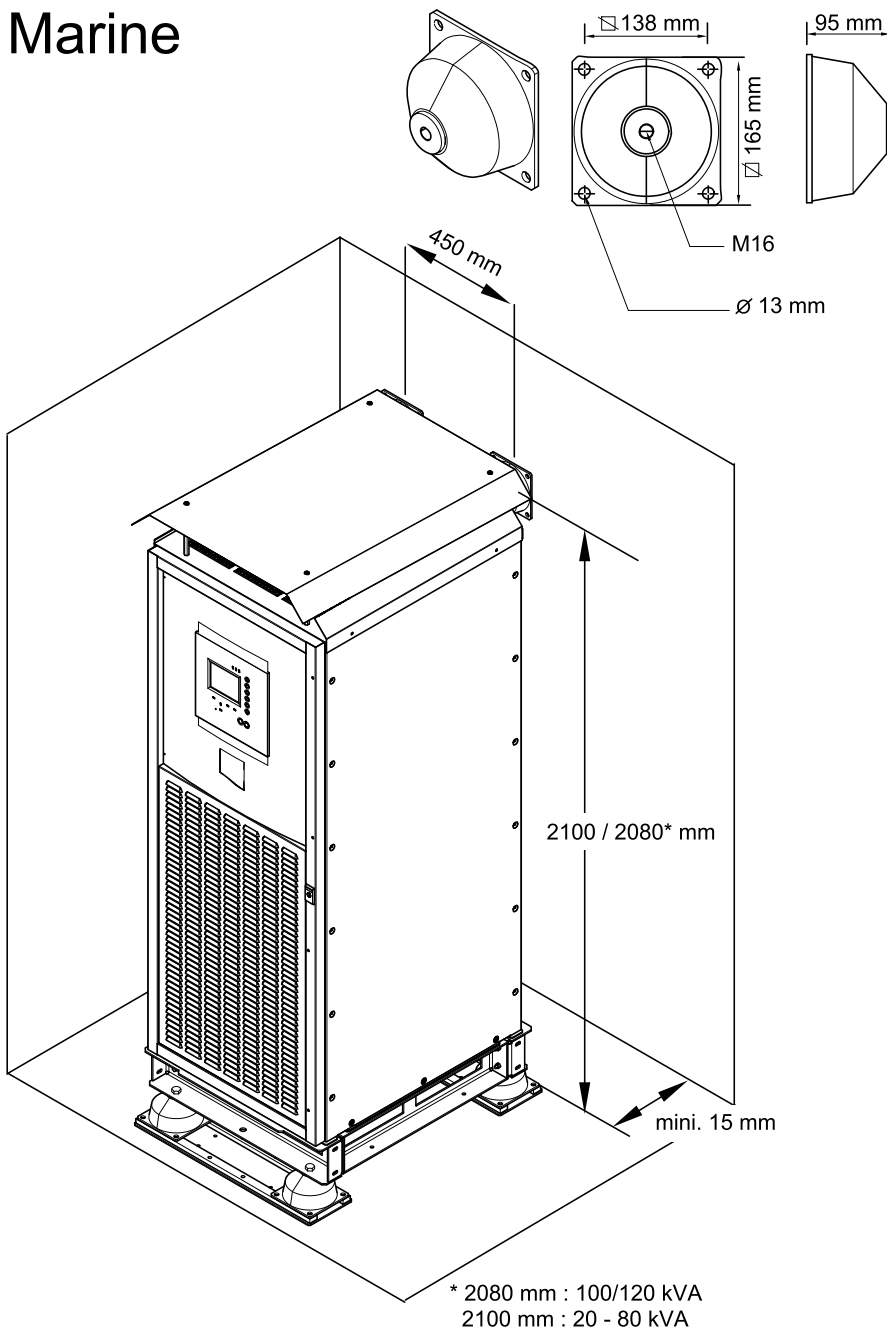
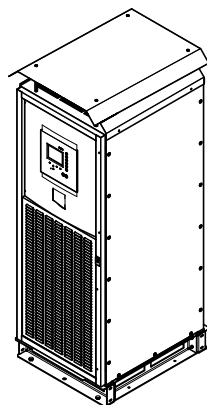
Do not tip the cabinet more than 30°.

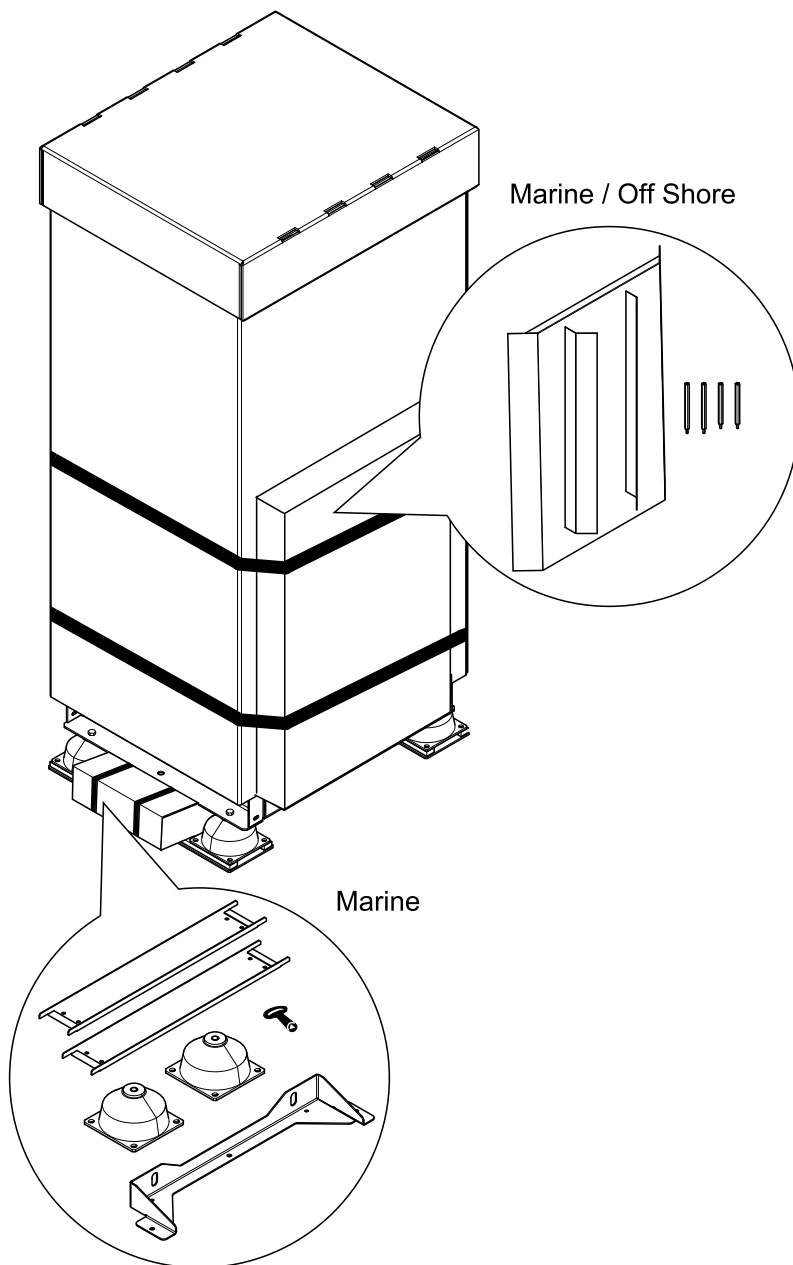
**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

# Installation

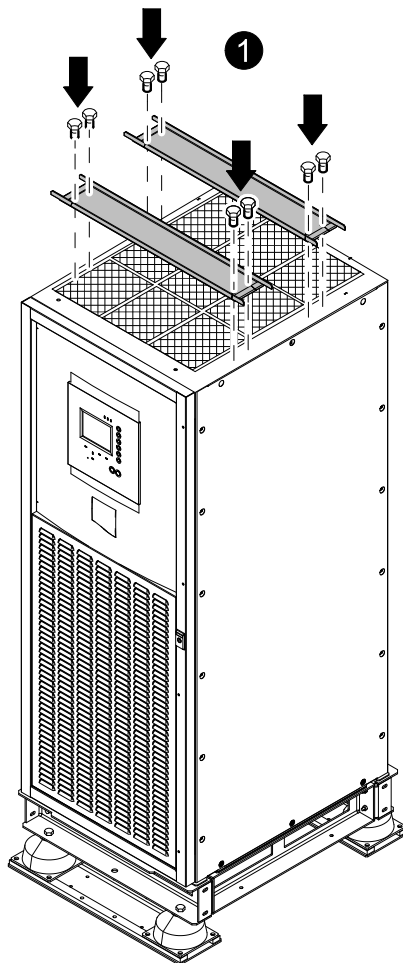
## Marine

Off Shore



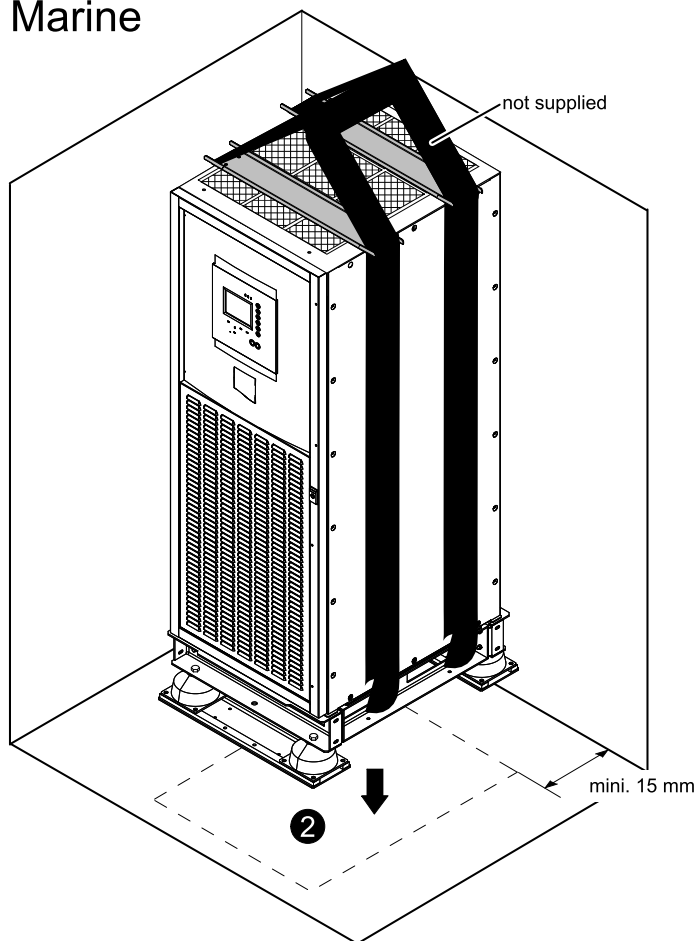
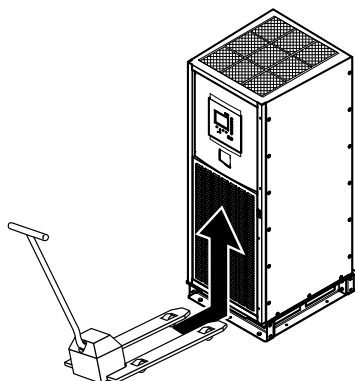


# Marine

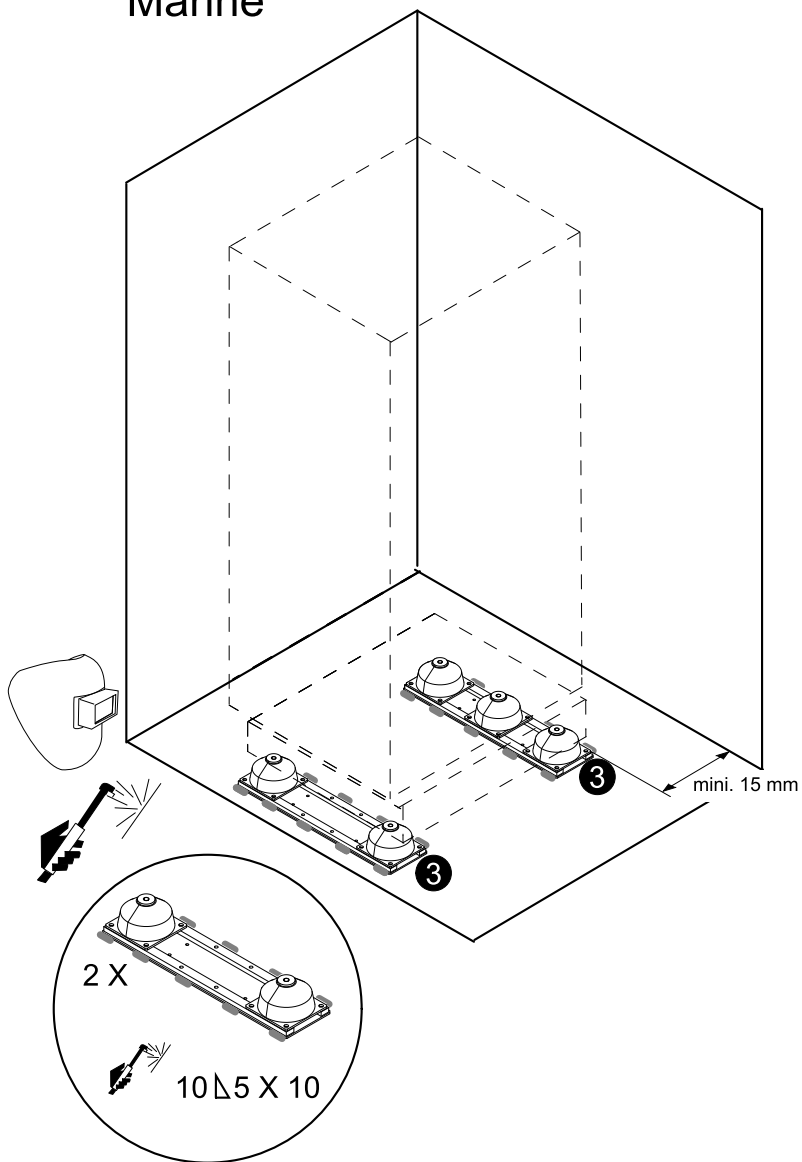


# Marine

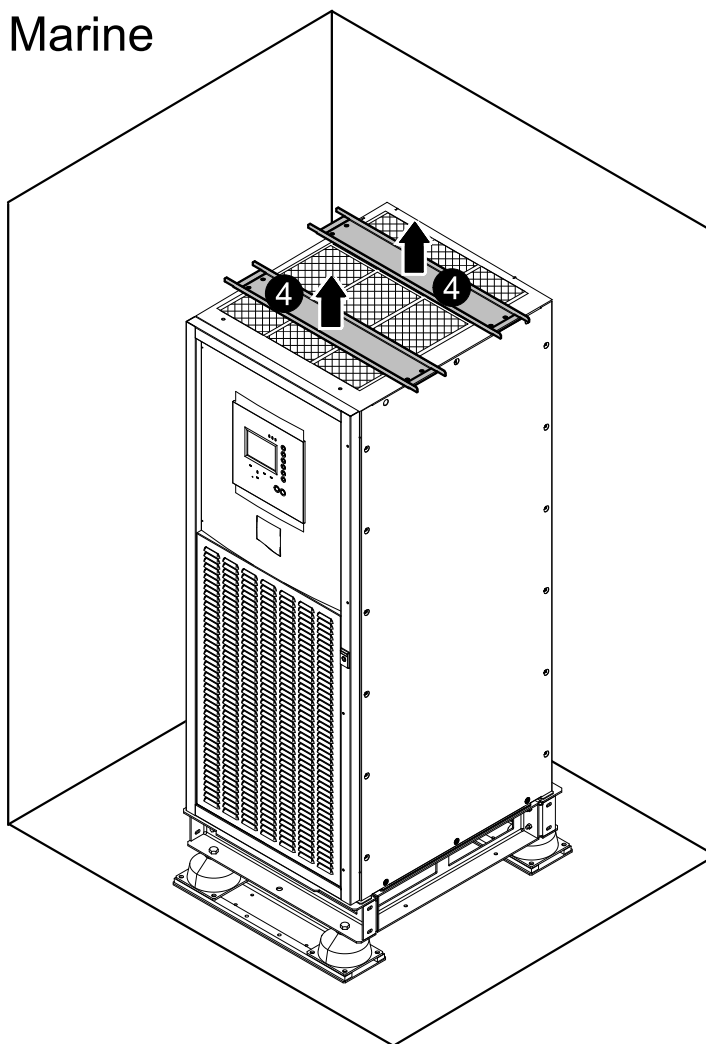
Marine / Off Shore



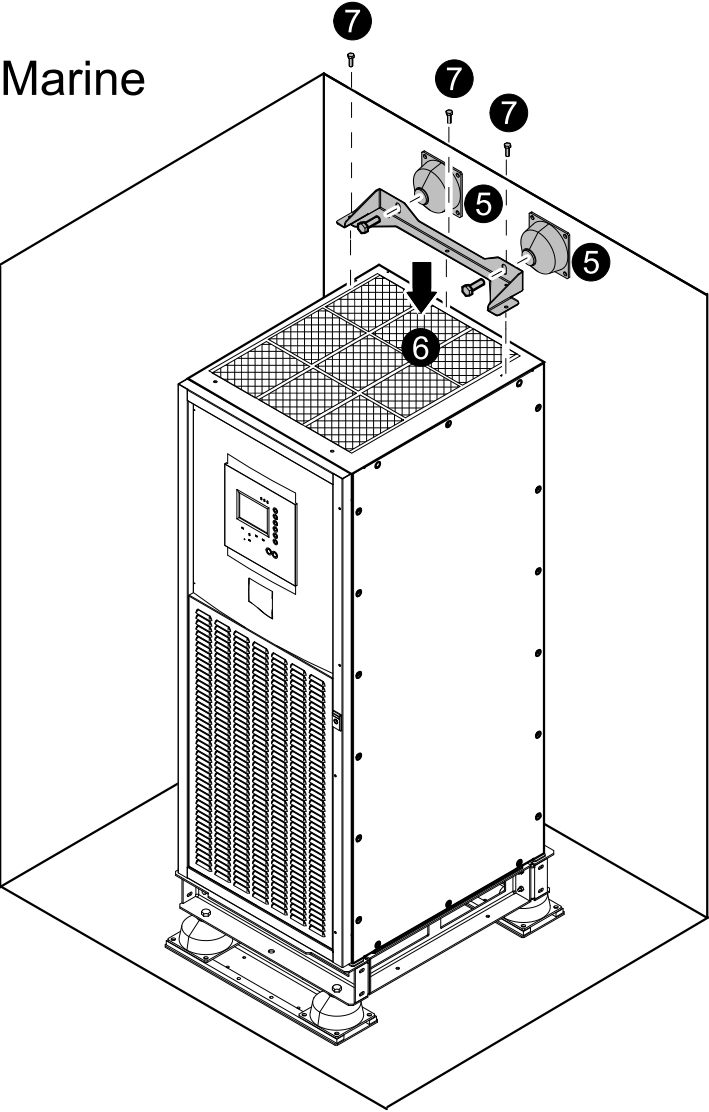
# Marine



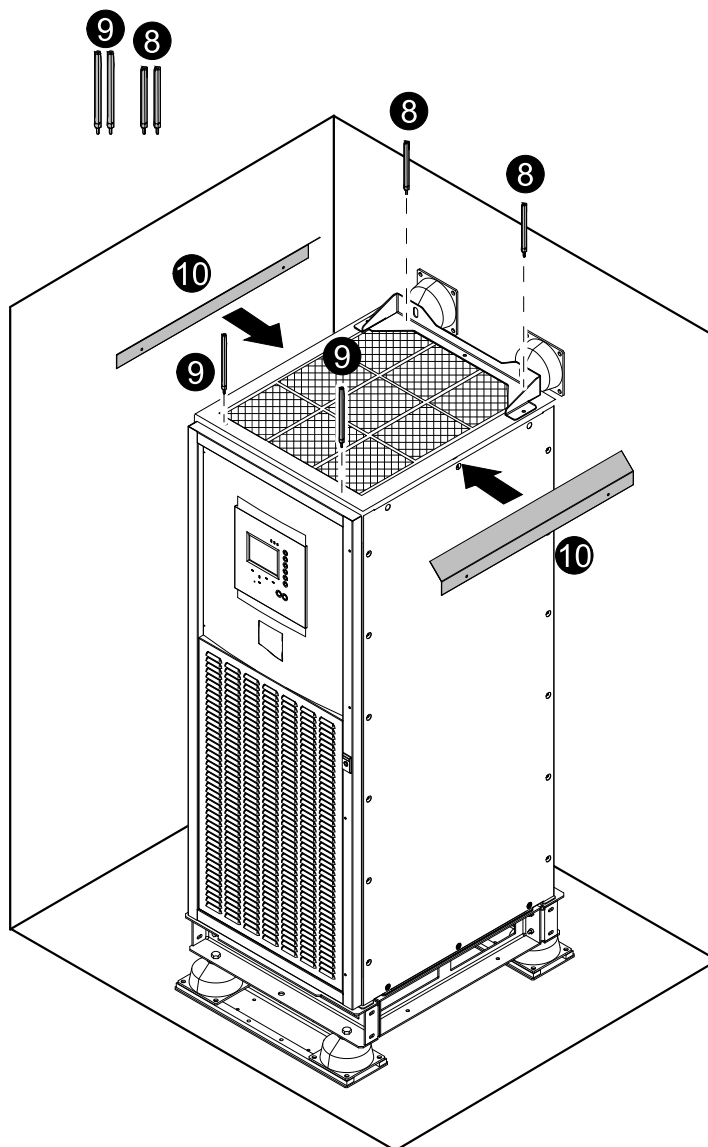
# Marine



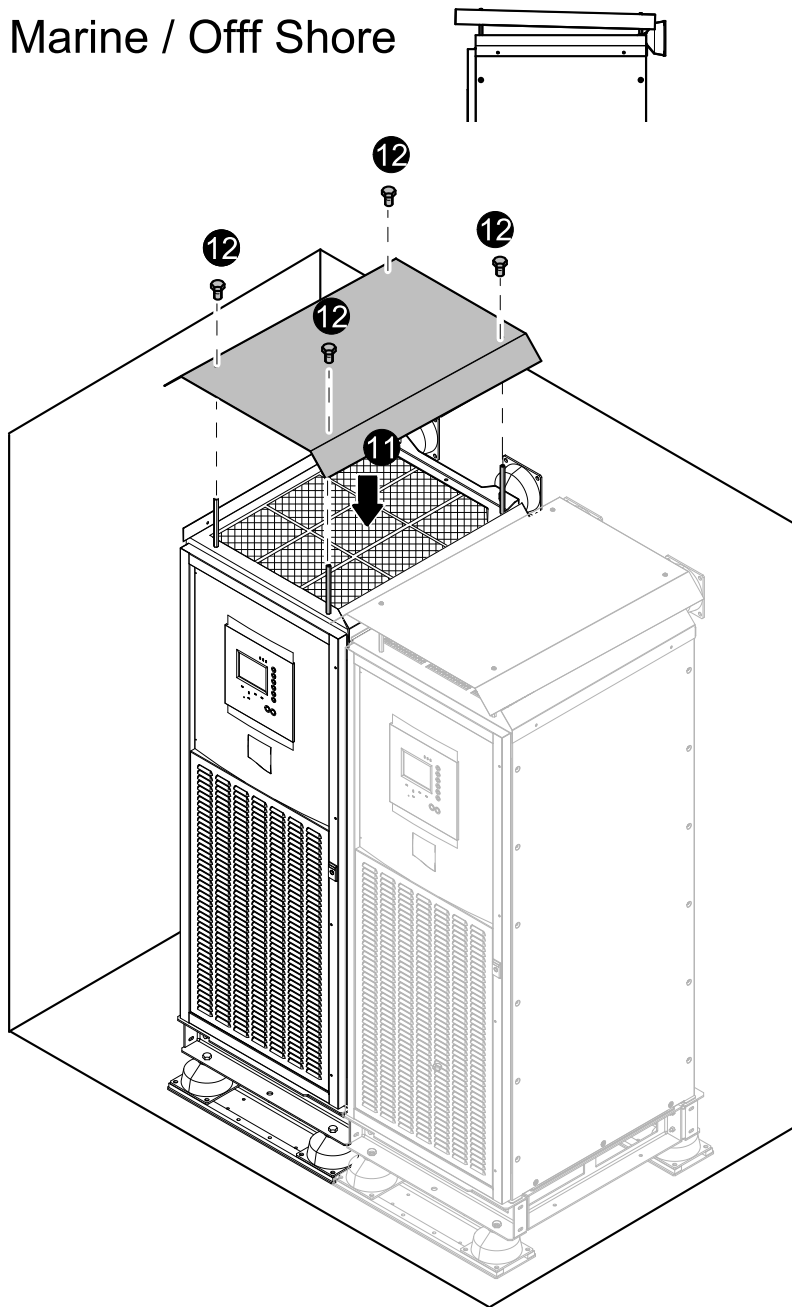




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990-5263B-001