

Quick Installation Guide

SmartConnect Series

LFP 12.8 V



WARNING

	CAUTION: Risk of electric shock Use proper tools and personal protection
	Don't crush, heat, incinerate, short-circuit, dismantle or immerse in any liquid. It may vent, rupture and burn.
	Make sure the battery is placed in a dry area, without moisture. IP30.
	Use this battery only in combination with a MG SmartLink Connect. Always respect charge instructions.

NOTICE

	Read and fully understand the manual before installation and use.	
	This product may only be installed by a qualified electrical engineer.	

This battery is tested according to and complies with the UN38.3 standards

CE UN38.3 PASSED

Placement

ONLY install the battery vertically:



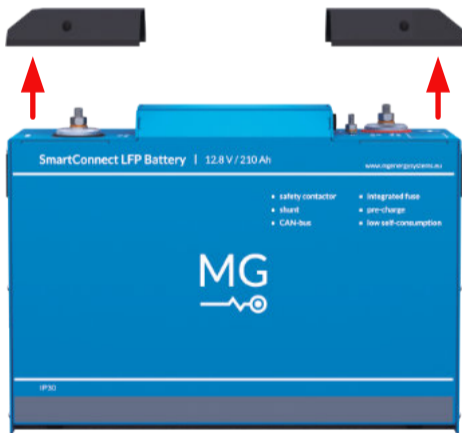
Leave a **minimum space of 10 mm** all around the battery including the bottom side lifted from the surface.

Secure the battery with a strap or a bracket.



Remove both top covers:

1 / 8



Be Aware



Before connecting the DC cables, make sure the other ends are protected or connected.

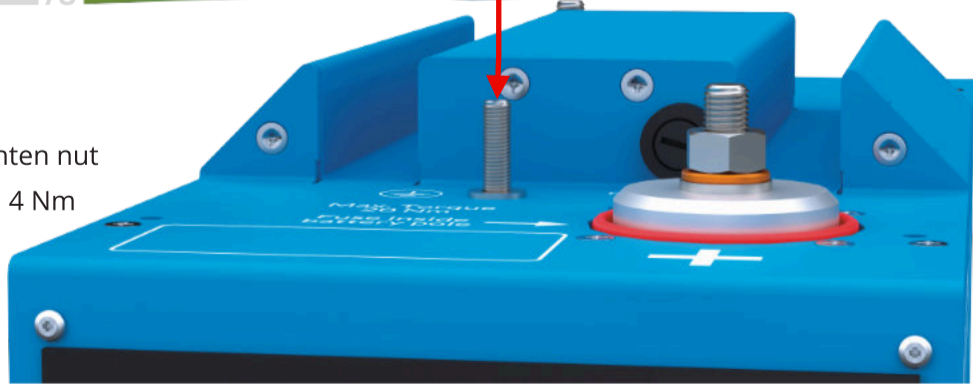
Recommended

Place equipotential bonding:

2 / 8

- M5 Nut *
- Spring Washer
- Washer
- Cable Lug

*Tighten nut with 4 Nm



Thank you for ordering this MG product

What's in the box:

- MG SmartConnect LFP Battery
- Quick Installation Guide

Required tools (insulated):

- Phillips screwdriver PH1
- Torque wrench M5 8mm (4Nm)
- Torque wrench M8 13mm (20Nm)

Download Center



Scan the QR-code for:

- Manual
- Installation video
- Technical Drawings

<https://downloads.mgennergysystems.eu/smartconnect/>

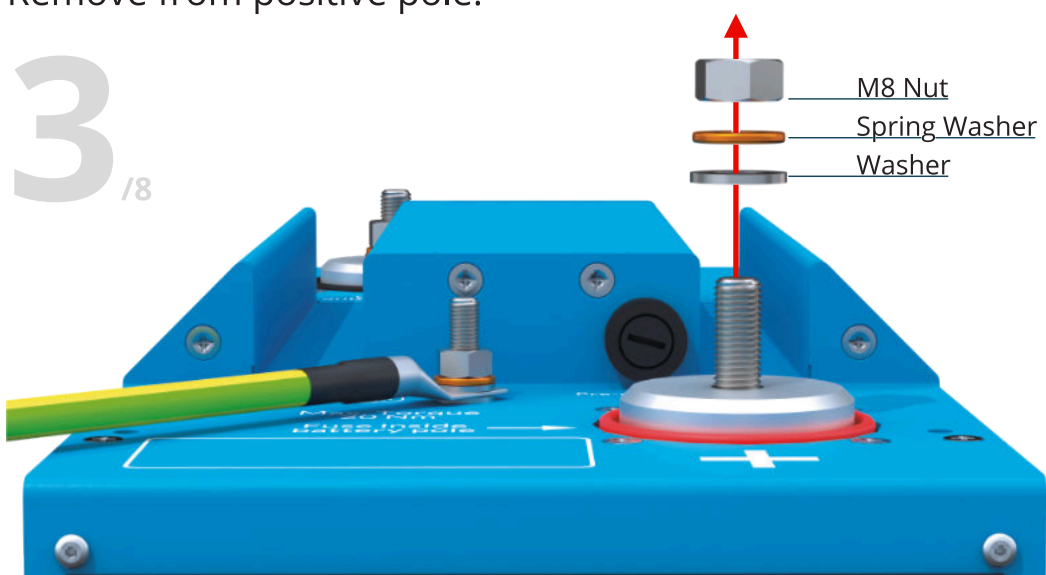
Technical Specifications



<https://www.mgennergysystems.eu/products/specs/smartconnect-series/>

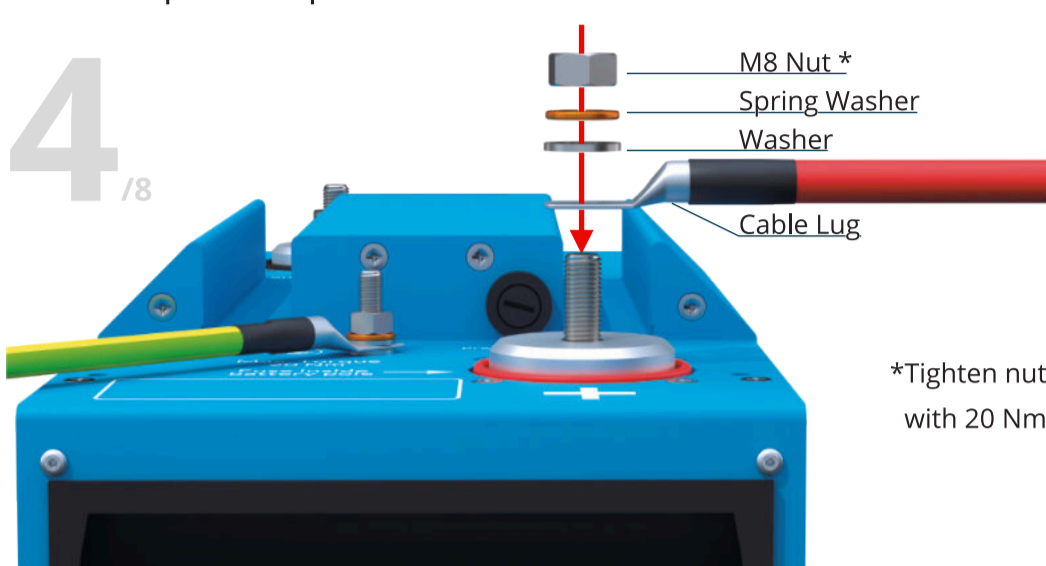
Remove from positive pole:

3 /8



Place on positive pole:

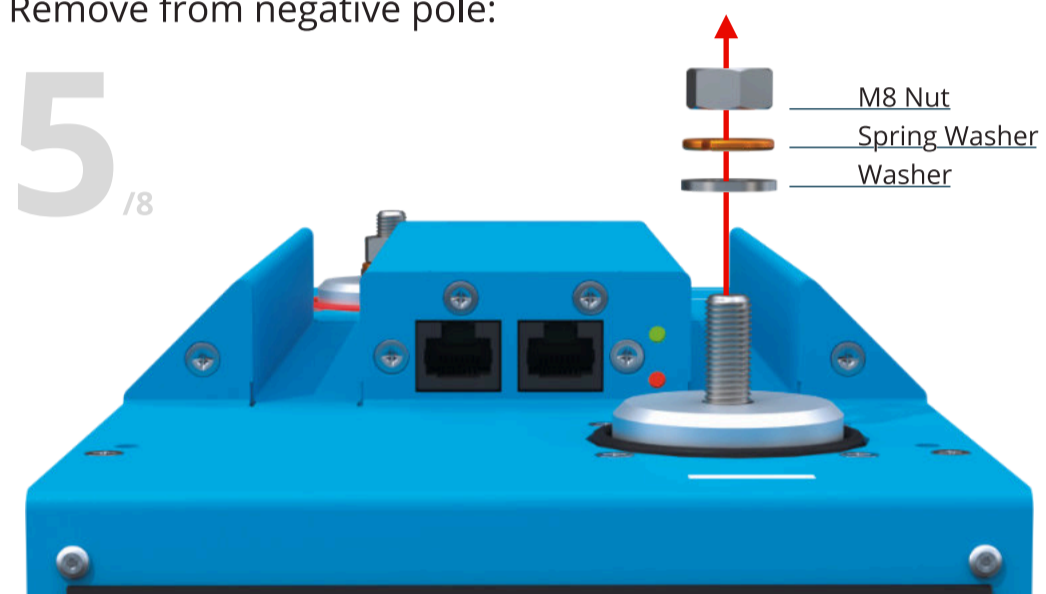
4 /8



*Tighten nut with 20 Nm

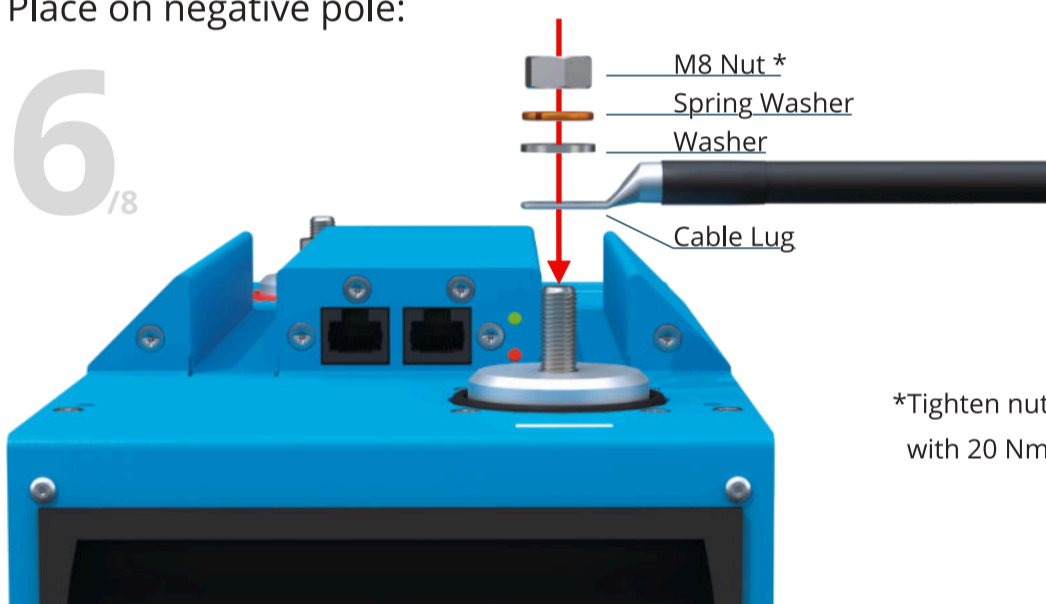
Remove from negative pole:

5 /8



Place on negative pole:

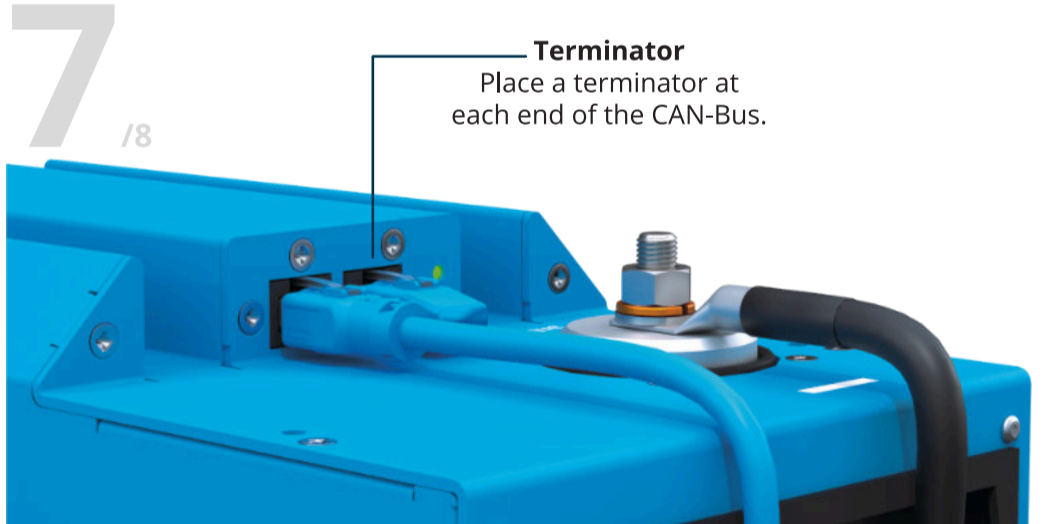
6 /8



*Tighten nut with 20 Nm

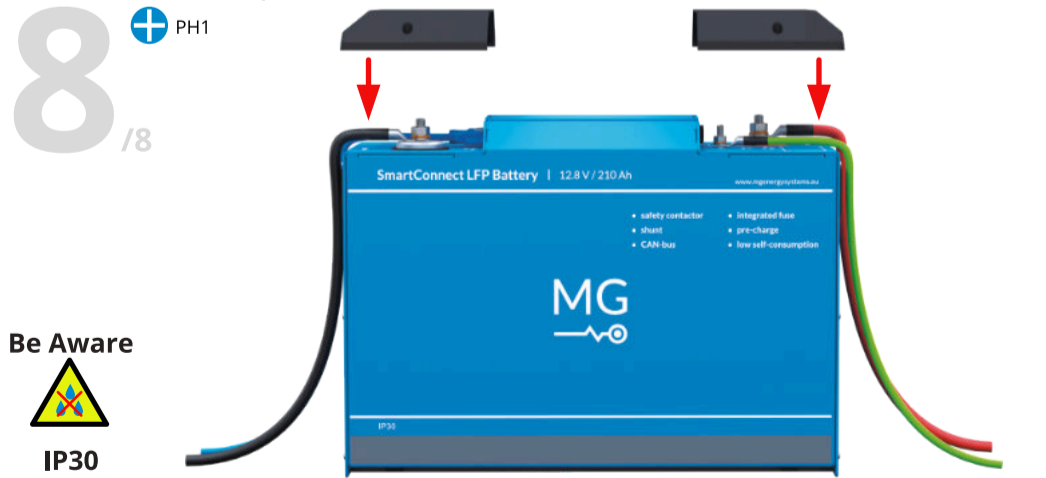
Connect the RJ45 CAN-Bus cables and terminators:

7 /8



Perform commissioning checklist, see manual. Mount both top covers.

8 /8



Only put in parallel, not in series!

MG Energy Systems B.V.

Foeke Sjoerdswei 3
8914 BH, Leeuwarden
The Netherlands
<https://www.mgenergysystems.eu>



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Version 1.0

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