

Quick Installation Guide

HE Series

HE100, HE150, HE200

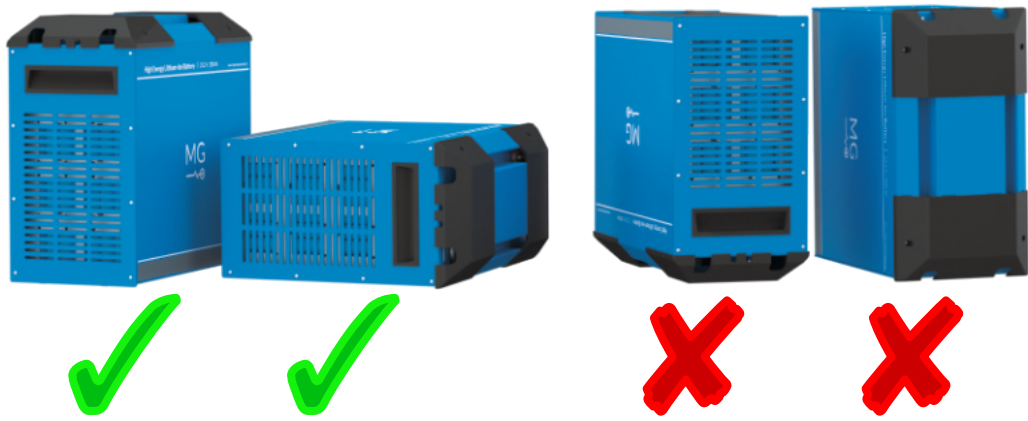
MG



⚠ 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 IP20	
	Use this battery only in combination with a MG Master LV or MG Master HV Always respect charge instructions	
i 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 IEC 62619, IEC 62620 and UN38.3 standards		UN38.3 PASSED

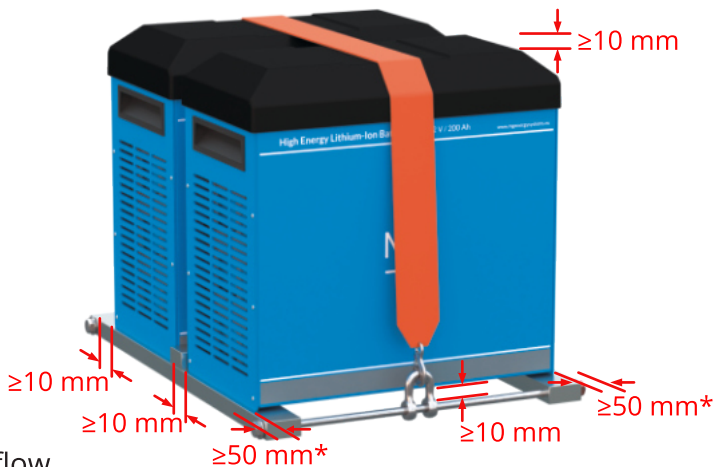
Placement

(Recommended)



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

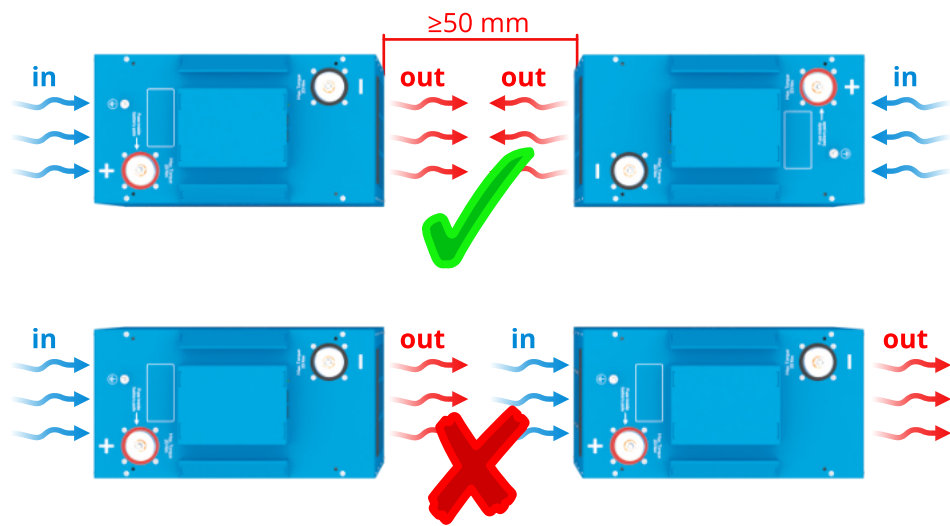
Secure the battery with a strap or a bracket.



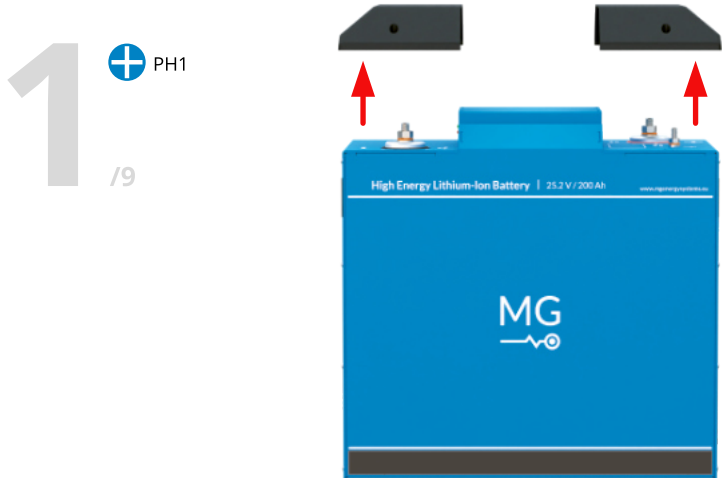
*Mind the Airflow

Air flow

Don't use the airflow of a battery as input flow for the next.



Remove both top covers:



Be Aware

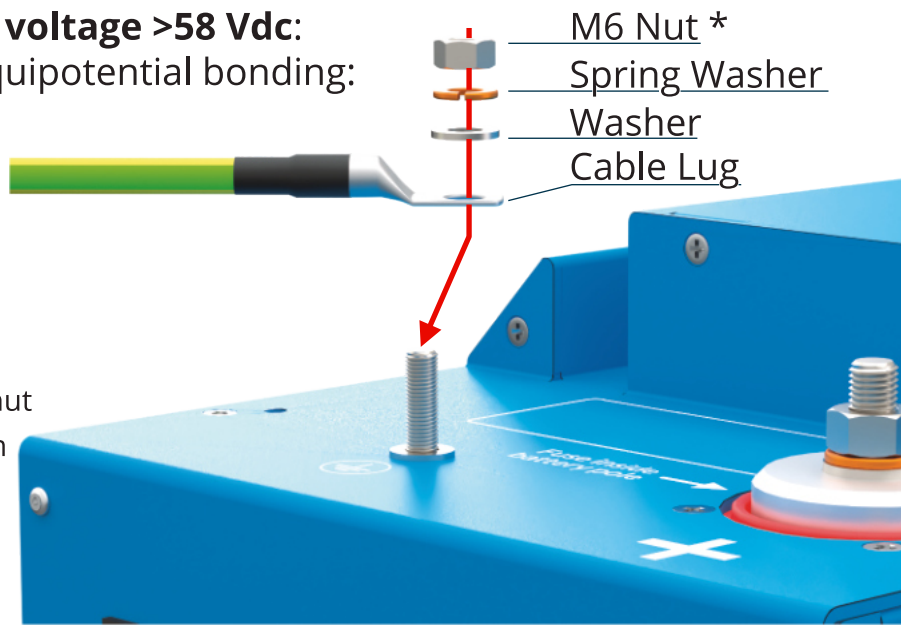


Before connecting the DC cables, make sure the other ends are protected or connected.

System voltage >58 Vdc:

Place equipotential bonding:

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*Tighten nut with 4 Nm

Thank you for ordering this MG product

What's in the box:

- MG HE Battery
- Non-fused battery pole

Required tools (isolated):

- Phillips screwdriver PH1
- Torque wrench M6 + M8

Download Center



Scan the QR-code for:

- Manual
- Installation video
- Technical Drawings

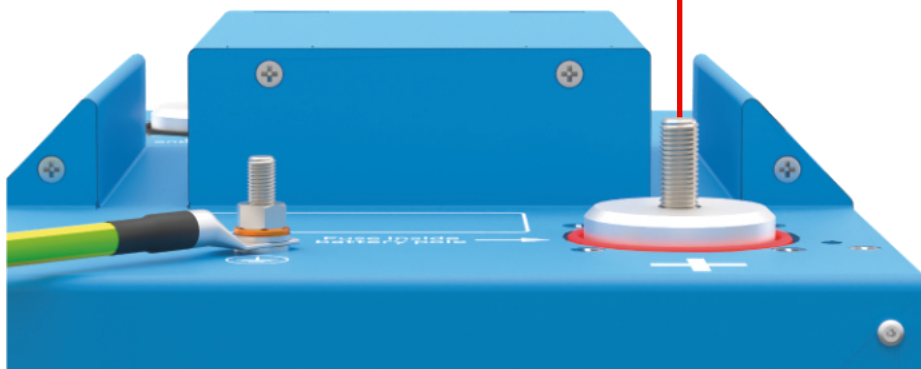
Technical Specifications



<https://downloads.mgenergysystems.eu/he/>

Remove from positive pole:

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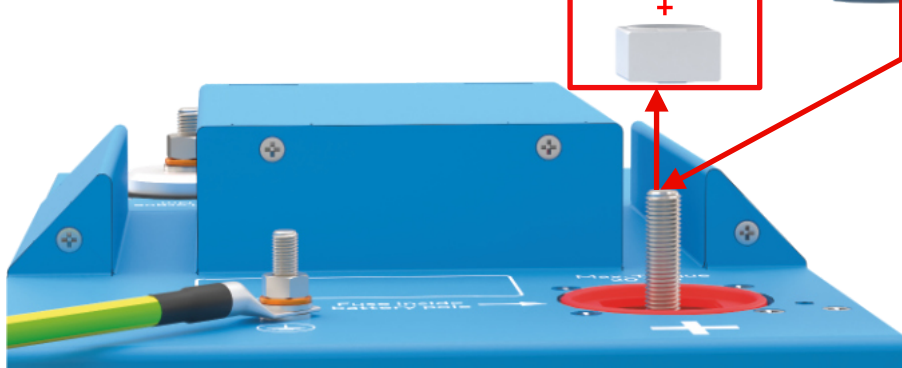


- M8 Nut
- Spring Washer
- Washer

System voltage >58 Vdc:

Replace battery pole + fuse with the non-fused battery pole.

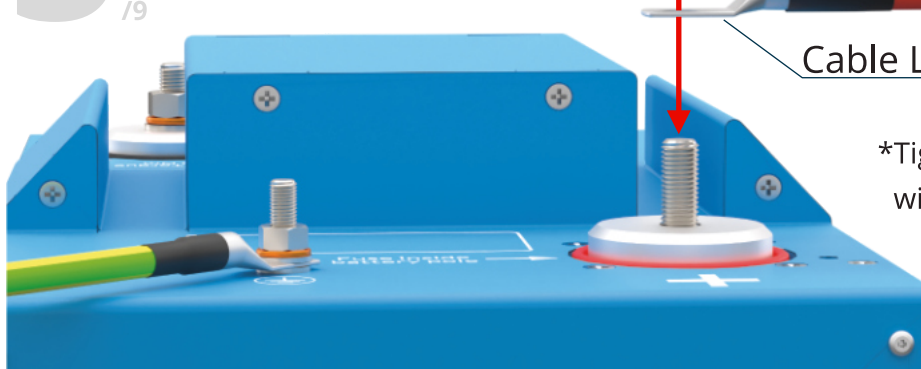
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Remove Place

Place on positive pole:

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- M8 Nut *
- Spring Washer
- Washer
- Cable Lug

*Tighten nut with 20 Nm

Remove from negative pole:

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- M8 Nut
- Spring Washer
- Washer

Place on negative pole:

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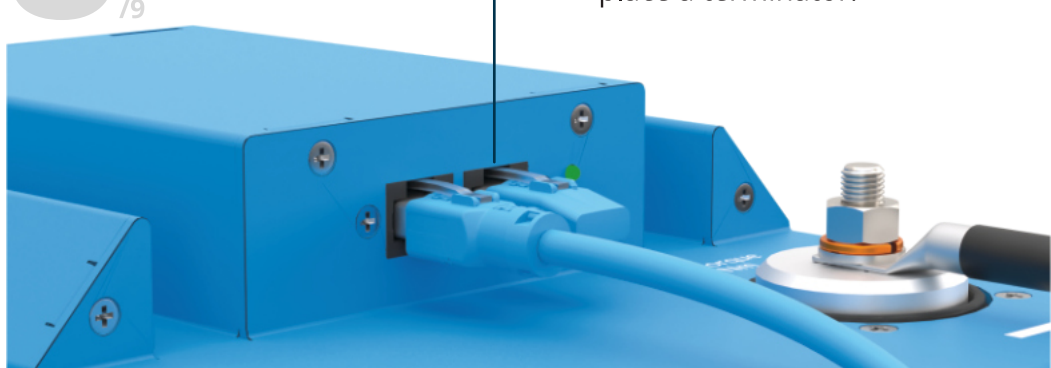


- M8 Nut *
- Spring Washer
- Washer
- Cable Lug

*Tighten nut with 20 Nm

Connect the RJ45 or M12 CAN-Bus cables and terminators:

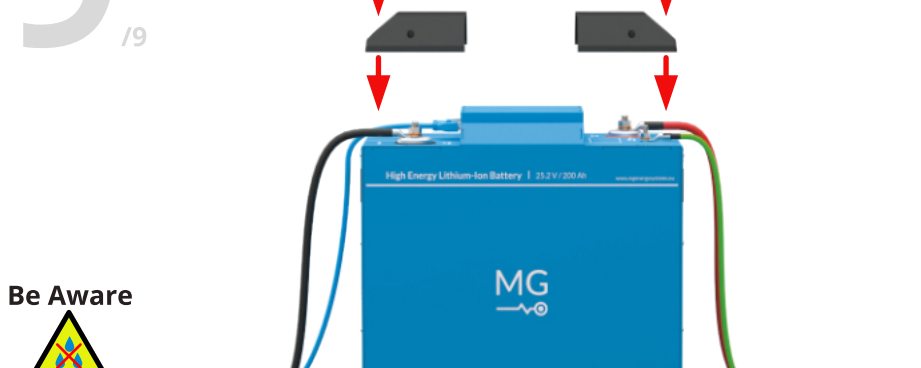
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Terminator
At each end of the CAN-Bus, place a terminator.

Perform commissioning checklist, see manual. Mount top covers and place top ingress protection cover.

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Be Aware
IP20

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