





Quick Installation Guide




Modular RS 230 Rack

MG

⚠ WARNING

	CAUTION: Risk of electric shock Use proper tools and personal protection
	Don't crush, heat, incinerate, short-circuit, dismantle or immerse batteries in any liquid It may vent, rupture and burn
	Make sure the Rack is placed in a dry area, without moisture
	Use this Rack only in combination with MG RS 230 batteries Always respect the instructions

ℹ NOTICE

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

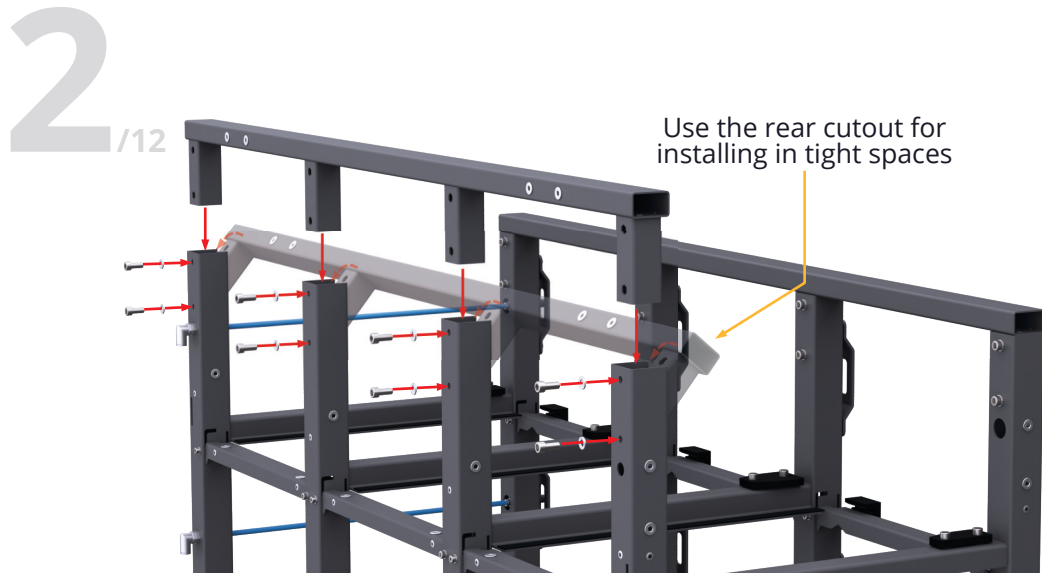
Configurations can defer, follow these basic steps to install the RS 230 Rack

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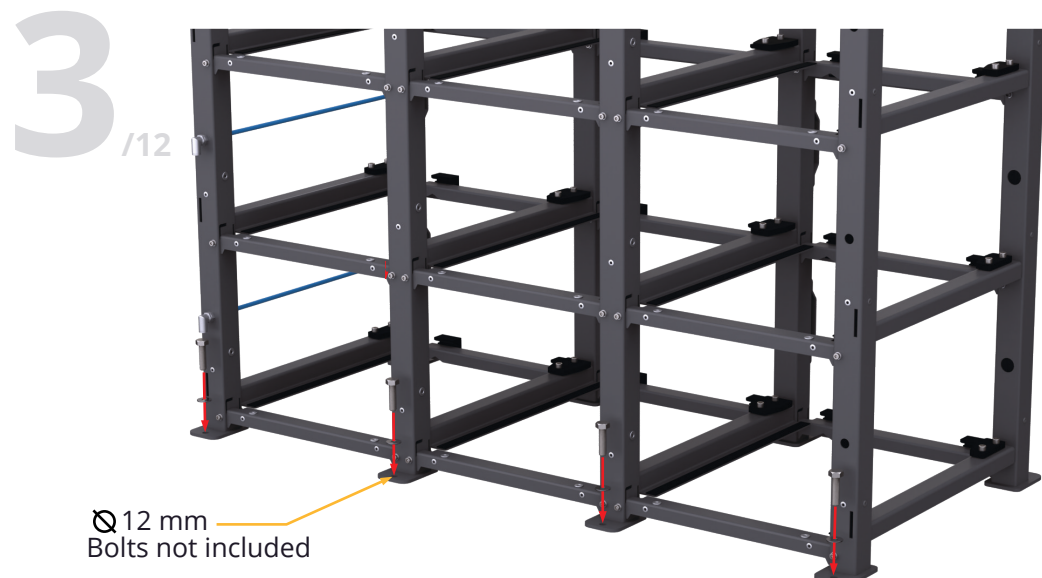
Mount all crossbeams



Mount top beams



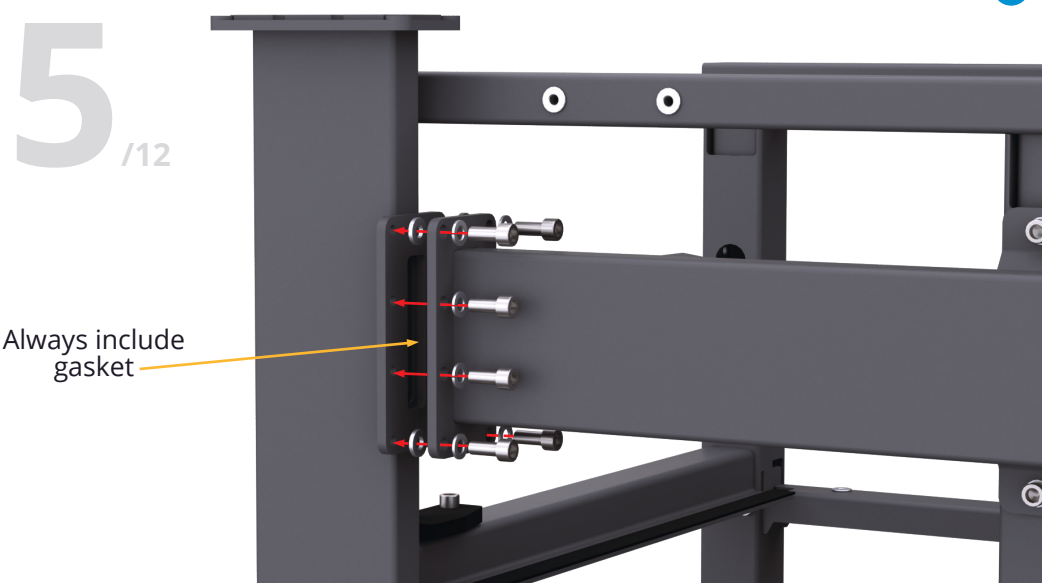
Mount Rack to undersurface



Mount all horizontal exhausts



Mount vertical exhaust:

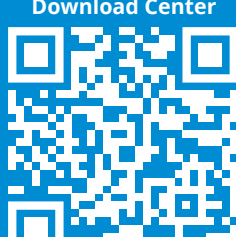


Thank you for ordering this MG product

- What's in the delivery:
- RS 230 Rack
 - Molykote O-ring grease
 - Quick Installation Guide

- Required installation tools:
- Hex wrench 5 + 6

Download Center



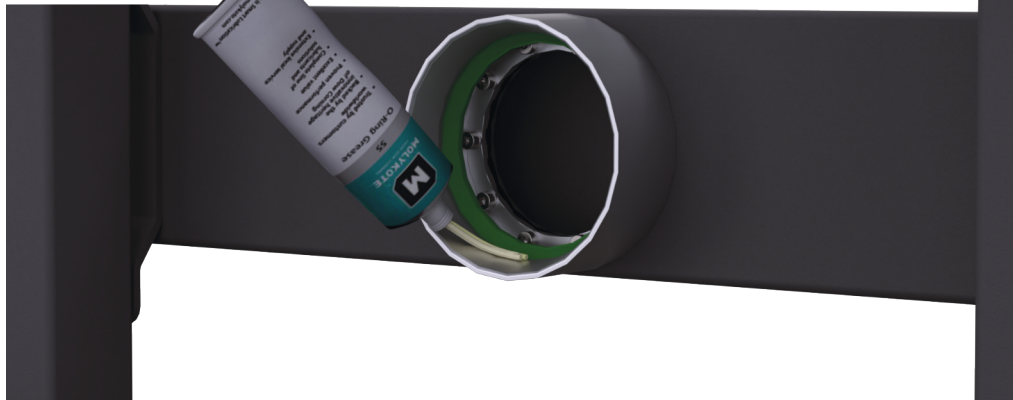
Scan the QR-code for:

- Manual
- Installation movie
- Technical Drawings

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

Apply grease below and on silicon sealing ring

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Slide in RS 230 battery modules

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Secure RS 230 battery modules to Rack

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Place equipotential bonding

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Use the designated connection points



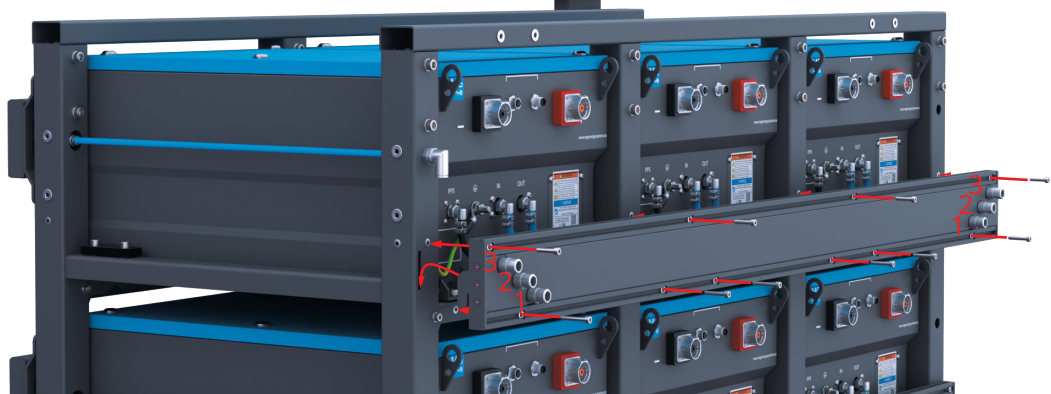
Mount manifolds and front hose connections

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When connecting the hoses, use grease.

- 1: PPS* 1x Hose connector + 1x End cap
- 2: Liquid-in 1x Hose connector + 1x End cap
- 3: Liquid-out 1x Hose connector + 1x End cap

*Use metal for Lloyds' approval



Connect manifold hoses

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When connecting the hoses, use grease.

- 1: PPS* 20 cm
- 2: Liquid-in 10 cm
- 3: Liquid-out 10 cm

*Use metal for Lloyds' approval

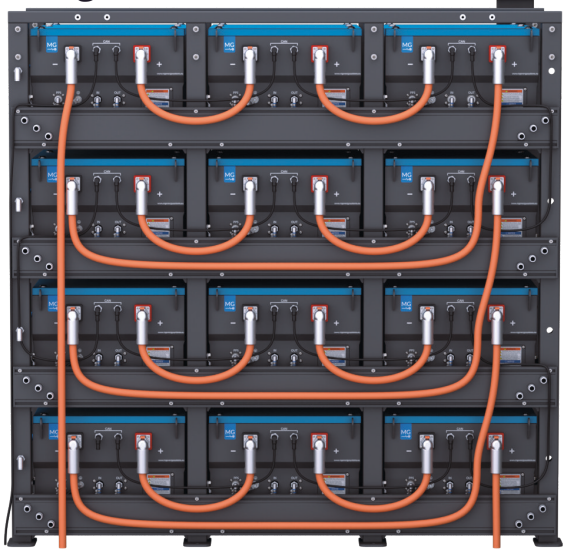


Connect DC and CAN-Bus cabling

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DC cabling depending on configuration

Perform commissioning checklist



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