



# MG RS Series MG Energy Systems

Why should you choose mg Rs high performance batteries?

System flexibility is one of the key features of all MG products. Combine the RS High Performance Batteries together with one or more MG Masters and create a powerful system for a complete range of applications. The RS battery modules can be connected in series and in parallel to meet the required system voltage and capacity.

How do Rs high performance batteries work?

Combine the RS High Performance Batteries together with one or more MG Masters and create a powerful system for a complete range of applications. The RS battery modules can be connected in series and in parallel to meet the required system voltage and capacity. The possible voltage range for a single string is 51 Vdc up to 900 Vdc.

How does mg master work?

The slave BMS in each battery module communicates with an MG Master BMS. Via a galvanic isolated CAN-Bus the MG Master collects and monitors the status of all battery modules. If the measured values from a battery module exceed the limit, the MG Master will automatically take action to protect all of the connected battery modules.

How many volts can a MG master battery run?

The possible voltage range for a single string is 51 Vdc up to 900 Vdc. Connect multiple strings in parallel to increase the capacity of your battery bank. In order to create a redundant system, connect two or more MG Masters in parallel and use the SmartLink MX.

How many volts can Rs batteries power?

Thanks to the modular design, easily create 48 up to 900 Vdc systems to power all sorts of applications. To ensure a neat installation, use the modular rack system for the RS batteries. This rack includes the exhaust ducting and liquid cooling manifolds. It is designed with a slide-in mechanism, in such a way that only front access is needed.

What is mg SmartLink MX & plc?

The MG SmartLink MX and PLC provide the necessary controls to start, stop and reset the battery system. It also makes combined battery data available in such a way that parallel connected systems are shown as one battery bank. Thermal management guarantees the high performance of the RS Series.

This makes the RS Series an extraordinary high performance battery module for hybrid or electric vehicles, vessels, industrial machinery and solar off-grid applications. Thanks to the modular design, easily create 48 up to 900 Vdc ...

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