

Kongres Container

Battery cabinet high power discharge resistor



**200kWh
Battery Cluster**



Overview

High Power Handling : Each resistor could dissipate up to 10kW continuously, making them ideal for long-duration battery discharge cycles. **Low Inductance Design :** With inductance under 100nH, these resistors minimized voltage spikes and noise during switching operations. What is a durakool high power pre-charge & discharge resistor?

Durakool's range of automotive grade high power pre-charge and discharge resistors are designed to meet the demanding requirements of automotive applications. Suitable for EV, HEV, PHEV, BMS, Battery Management and Battery Storage applications.

What are automotive grade high power pre-charge and discharge resistors?

Automotive grade high power pre-charge and discharge resistors are designed to meet the demanding requirements of automotive applications.

Why do you need a discharge resistor?

Discharge resistors made by FRIZLEN are available in several designs and allow a safe discharge process. In case of maintenance work at converters a previous discharging of capacitors may be mandatory. FRIZLEN's discharge resistors allow a quick connection to the device and a safe handling.

Which resistor is suitable for battery load testing?

Adjustable load resistors of type series BW18-81 DC are applicable for battery load testing. Adjust the ohmic value in order to adjust the load by switching the step switch and the fine adjustment device. Different meters showing current or voltage can be ordered as option. Specific voltage or higher continuous power available upon request.

Why do electric vehicles need a discharge resistor?

High-voltage systems in electric vehicles place high demands on the components used. Discharge resistors must safely dissipate the constant

reduction of energy in the HV DC link to ensure discharge in the parking situation. The following factors are critical.

What is a MIBA discharge resistor?

Product areas Power Electronics Miba Discharge Resistors discharge-resistor
High-voltage systems are essential in electric vehicles, but they also pose risks. Discharge resistors play a key role in safely and efficiently dissipating energy and protecting people and animals in the event of a fault.

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