

“We make
E-Car recycling
more **professional!**”




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SEDA HV Battery Container

N-527915 / N-527916

Safe storage of lithium-ion accumulators 



Display of current values

SEDA HV Battery Container ensures safe storage of critical and non-critical electric vehicle accumulators in temperature-controlled, monitored compartments that can be flooded in case of thermal runaway.

Temperature pre-setting and control - temperature in the compartments can be pre-set according to the user's requirements and kept at the same level irrespectively of the ambient temperature outside the container.

Alarm system monitoring - the following values are measured and evaluated:

- ▶ 4 temperature sensors per compartment (temperature on the surface of a Li-ion accumulator)
- ▶ ambient temperature in compartments
- ▶ smoke gas, hydrogen (H₂), carbon monoxide (CO)

Flooding & cooling - as soon as temperature on the surface of a Li-ion accumulator reaches 68°C in a compartment, the nozzles will open & perform their function of flooding a corresponding accumulator with water or any other cooling medium, thus subduing thermal reaction of accumulator cells.

Your benefits:


- Storage of critical & non-critical lithium-ion accumulators
- 4 or 6 compartments in a standard or a high cube container
- Monitoring, cooling, flooding, extinguishing
- Cross ventilation or alternatively a temperature control unit



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Safe storage of lithium-ion accumulators




Positioning of an accumulator in a box



Monitoring sensors for each compartment



Filling level is monitored by probes



Co² pressure cylinder for independent pressure supply



Loading of boxes with a forklift



Temperature monitoring with 4 sensors in each box



Optional: temperature control unit (to keep pre-set temperatures in compartments)

Some Images can be symbol images



Control cabinet and water supply system

HV Battery Container Standard with 4 compartments



HV Battery Container High Cube with 6 compartments



Lockable latches

TECHNICAL DETAILS	ORDER INFORMATION
<p>Container length: 6.400 mm</p> <p>Container width: 2.450 mm</p> <p>Container height: 2.600 mm Standard 2.896 mm High Cube</p> <p>Weight: 5450 kg / 6.750 kg</p> <p>Inner container: 2.660 x 2.000 x 491 mm</p> <p>Water supply: 2" cable (Storz B), max. 4 bar</p> <p>Power supply: 230 V / 10 A / 50 Hz</p> <p>Trigger temperature: 68°C</p>	<p>N-527915 SEDA HV Battery Container Standard 4 compartments</p> <p>N-527916 SEDA HV Battery Container High Cube 6 compartments</p> <p>Alternative solution for ADR transport and storage: N-527793 SEDA HV BAT-Box</p>

