



World leader in vehicle  
de-pollution technology



## SEDA HV Battery Container

N-527915 / N-527916



Display of current values

### 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

### Safe storage of lithium-ion accumulators



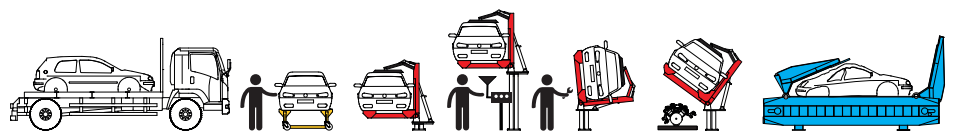
SEDA HV Battery Container ensures safe storage of critical and non-critical electric vehicle accumulators in temperature-controlled, monitored compartments that can be flooded in case of thermal runaway.

**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 (H<sub>2</sub>), 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.



### SEDA-Umwelttechnik GmbH

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Positioning of an accumulator in a box



Loading of boxes with a forklift

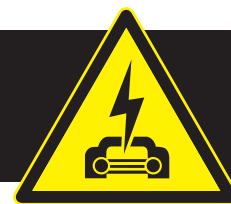


Control cabinet and water  
supply system

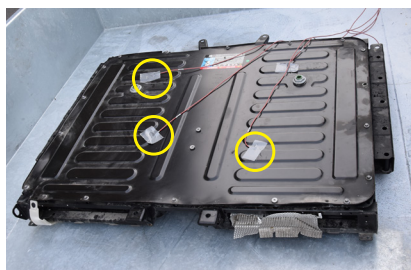


Lockable latches

Safe storage of lithium-ion  
accumulators



Monitoring sensors for each  
compartment



Temperature monitoring with 4  
sensors in each box



Filling level is mon-  
itored by probes



Co<sup>2</sup> pressure  
cylinder for  
independent  
pressure  
supply



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

Some Images can  
be symbol images

HV Battery Container  
Standard with 4 compartments



HV Battery Container  
High Cube with 6 compartments



### TECHNICAL DETAILS

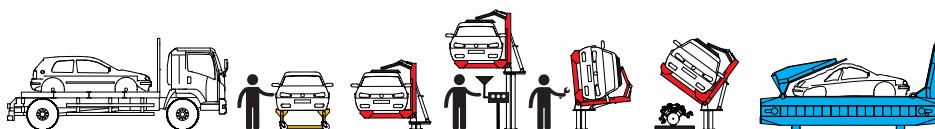
**Container length:** 6.400 mm  
**Container width:** 2.450 mm  
**Container height:** 2.600 mm Standard  
2.896 mm High Cube  
**Weight:** 5450 kg / 6.750 kg  
**Inner container:** 2.660 x 2.000 x 491 mm  
**Water supply:** 2" cable (Storz B),  
max. 4 bar  
**Power supply:** 230 V / 10 A / 50 Hz  
**Trigger temperature:** 68°C

### ORDER INFORMATION

**N-527915** SEDA HV Battery  
Container Standard  
4 compartments

**N-527916** SEDA HV Battery  
Container  
High Cube  
6 compartments

**Alternative solution for ADR  
transport and storage:**  
**N-527793** SEDA HV BAT-Box



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