



SEDA HV BATTERY CONTAINER

N-527915 / N-527916



Monitoring sensors for compartments

BENEFITS

- Secure storage of critical and non-critical lithium-ion energy storage systems
- Available with 4 or 6 compartments in a standard or High Cube 20" shipping container
- Monitoring, cooling, flooding, and fire extinguishing
- Cross-ventilation or optional air conditioning
- Controlled water retention system



Secure storage solution for lithium-ion energy storage systems



The SEDA HV-Battery Container ensures the secure storage of critical and non-critical energy storage systems for electric vehicles in temperature-controlled, monitored, and floodable compartments in the event of a thermal reaction.

Temperature preset and control:

The container's internal temperature can be preset according to requirements and maintained at a consistent level regardless of external ambient conditions (optional air conditioning available).

Alarm monitoring:

Monitored values include:

- ▶ 4 temperature sensors per compartment (surface temperature of a Li-ion battery)
- ▶ Ambient temperature inside the compartments
- ▶ Detection of smoke, hydrogen (H₂), and carbon monoxide (CO)



Optional:
Temperature Control Unit
(To maintain or ensure a preset temperature within the compartments)



SEDA-Umwelttechnik GmbH

Schwendter Str. 10 / 6345 Kössen / Tirol / Austria
VAT-ID.: ATU56621622 / FB-Nr.: FN 231790 v / FB-Gericht: Innsbruck
Certified company according to DIN EN ISO 9001

T: +43 5375 6318-0
E: info@seda-international.com
W: www.seda-international.com





⚡ HIGH VOLTAGE > HIGH-VOLTAGE STORAGE

SEDA HV BATTERY CONTAINER

N-527915 / N-527916



Place battery in the storage compartment



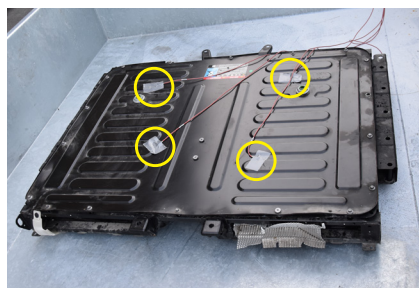
Loading of compartments with forklift

Secure storage solution for lithium-ion energy storage systems



Flooding & Cooling:

As soon as the surface temperature of a lithium-ion energy storage system in a compartment reaches 68°C (adjustable), the cooling extinguishing heads open and flood the corresponding compartment with water or another coolant to prevent a thermal reaction of the battery cells. In case of contamination, water retention is ensured, and no liquids can escape from the watertight compartment. Other areas remain unaffected. Sensors ensure that flooding stops at the right time (no overflow).



Temperature monitoring with 4 sensors per compartment



Lockable latch



HV Battery Container Standard with 4 compartments



HV Batterie Container High Cube with 6 compartments

📄 MORE INFORMATION

- Product video
- More images
- Additional technical specifications
- Online configurator



⚡ TECHNICAL SPECIFICATIONS

Dimensions L / W	6.400 x 2.450 mm
Height	2.600 mm Standard 2.896 High Cube
Weight	5.450 kg / 6.750 kg
Inner compartments	2.660 x 2.000 x 491 mm
Water connection	2"-line (Storz B), max. 4 bar
Power connection	230 V / 10 A / 50 Hz
Trigger temperature	68°C (adjustable)

🏷️ ORDER NUMBER

N-527915	SEDA HV Batterie Container Standard 4 compartments
N-527916	SEDA HV Batterie Container High Cube 6 compartments
Alternative Solution N-527793	for ADR Transport and storage: SEDA HV BAT-Box

