



SEDA HV BATTERY CONTAINER

A-527915 / A-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. The storage compartments are temperature monitored and individually floodable in the event a thermal reaction or thermal event is detected.

Temperature preset and control:

The container's internal temperature can be regulated according to requirements and maintain 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)



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Place battery in the storage compartment



Loading of compartments with forklift

Secure storage solution for lithium-ion energy storage systems

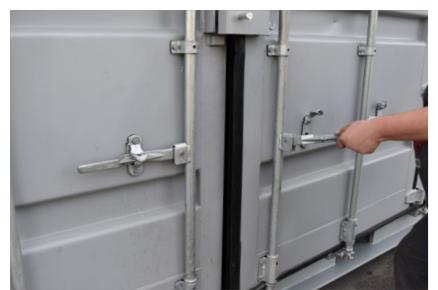


Flooding & Cooling:

When the surface temperature of a lithium-ion energy storage system reaches 154°F (adjustable), the cooling extinguishing system will be triggered and flood the corresponding compartment with water or another coolant to cool down and prevent a thermal reaction from spreading between 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 is prevented (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	20.99 x 8 ft
Height	8.5 ft Standard 9.5 ft High Cube
Weight	12,015 lbs / 14,881 lbs
Inner compartments	8.73 x 6.56 x 1.61 ft
Water connection	2"-line (Storz B), max. 58 psi
Power connection	230 V / 10 A / 50 / 60 Hz
Trigger temperature	154°F (adjustable)

ORDER NUMBER

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

