



Technical Information

Handling and Warehousing

Product: TS Battery Module (4,8 kWh) with Active Battery Optimizer (ABO)

Handling - Advice on safe handling

- Avoid a short-circuit of the cell; Avoid mechanical damage of the cell; Do not open or disassemble.
- Protection against fire and explosion are recommended.
- Keep away from open flames, hot surfaces and sources of ignition.


Warehousing - Requirements for storage rooms and vessels

- Store at room temperature from -10 to 50 °C (recommended 20°C).
- The recommended storage capacity is from 20 to 50 % of the nominal capacity (OCV approx. 50,0 +/- 0,1 V).
- Keep the battery module in the original container.


Transport Information

Proper shipping name:	Lithium-ion batteries
ID Number:	UN3480
Hazard Class or Division:	9
Packing group:	-
Label:	9a


Land transport (ADR/RID)

UN number:	3480
ADR/RID class:	9
Classification code:	M4
Hazard label:	9a
	
ADR/RID packing group:	-
Limited quantity:	LQ 0
Tunnel restriction code:	E
Description of the goods:	Lithium-ion batteries
Other applicable information (land)	
LQ 0: No exemption under the conditions of 3.4.2.	
Transport category: 2	

Marine transport

UN number:	3480
IMDG code:	9
Marine pollutant:	No
Hazard label:	9a
	
IMDG packing group:	-
EmS:	F-A, S-I
Limited quantity:	None
Description of the goods:	Lithium-ion batteries
Other applicable information (marine)	
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Air transport

UN/ID number:	3480	IATA-max. quantity - Passenger:	5 kg G
ICAO/IATA-DGR:	9	IATA-packing instructions - Cargo:	965
Hazard label:	9:	IATA-max. quantity - Cargo:	35 kg G
		Description of the goods:	Lithium-ion batteries
ICAO packing group:	-	Other applicable information (air)	
Limited quantity Passenger:	-	Lithium equivalent:	48.2 g
IATA-packing instructions Passenger:	965	Wh-rating per cell:	345 Wh