



# Assessment sheet lithium-ion batteries

page 1: to be completed by the sender

page 1: to be completed by PRIOREC/collector

Sender (stamp):	<b>Request concerns:</b> <input type="checkbox"/> battery pack <input type="checkbox"/> modules <input type="checkbox"/> cells
Contact details: email / phone:	<b>Former use</b> <input type="checkbox"/> car <input type="checkbox"/> truck/bus <input type="checkbox"/> industrial truck <input type="checkbox"/> ESS mobil <input type="checkbox"/> ESS stationary <input type="checkbox"/> other: _____ <input type="checkbox"/> vehicle type (if known): _____

Secondary battery data			
<b>Cell chemistry</b>	<input type="checkbox"/> NMC	<input type="checkbox"/> LFP	<input type="checkbox"/> LMH <input type="checkbox"/> other: _____
<b>Cell construction</b>	<input type="checkbox"/> prism	<input type="checkbox"/> pouch	<input type="checkbox"/> round cell <input type="checkbox"/> other: _____
<b>Battery technology</b>	<input type="checkbox"/> modules	<input type="checkbox"/> blade (a.s.)	<input type="checkbox"/> Cell 2 Pack <input type="checkbox"/> other: _____
<b>Battery classification</b>	<input type="checkbox"/> product	<input type="checkbox"/> waste with EWC code _____	
	<input type="checkbox"/> high voltage (> 60 V)	<input type="checkbox"/> <60V	<input type="checkbox"/> unknown
<b>Battery key data</b>	manufacturer: _____	year of constr.: _____	Quantity: _____ (Pcs.)
	weight (per piece, kg): _____	Dimensions (l x w x h): _____	total weight: _____ (kg)
<b>Current packaging</b>	<input type="checkbox"/> loose	<input type="checkbox"/> pallet	<input type="checkbox"/> paloxe <input type="checkbox"/> own BAM-container
	No. of packaged units for transportation (pallet, paloxe): _____ (Pcs)		
<b>Charge state</b>	<input type="checkbox"/> < 3V (deeply discharged)		<input type="checkbox"/> short-circuited
	<input type="checkbox"/> partially loaded (<ca.75 %)		<input type="checkbox"/> full (> 75 %)
<b>Transport test</b>	<input type="checkbox"/> test according to UN 38.3 is available		<input type="checkbox"/> enclosed
<b>Battery status</b>	<input type="checkbox"/> SOH (State of Health) – measurement available		<input type="checkbox"/> enclosed

Transport assessment			
<b>Non-critical batteries (transport fulfils SP 377)</b>		<b>Critical battery (transport fulfils SP 376)</b>	
Temperature check on collection	<input type="checkbox"/> yes <input type="checkbox"/> no	} If no, new classification as critical required (if required, conducted by PRIOREC on site)	<input type="checkbox"/> yes <input type="checkbox"/> no
Temperature normal (<40°C)	<input type="checkbox"/> yes <input type="checkbox"/> no		
Sufficient storage time > 10 days	<input type="checkbox"/> yes <input type="checkbox"/> no		
Packaging and identification fulfil ADR	<input type="checkbox"/> yes <input type="checkbox"/> no	Data match on collection	<input type="checkbox"/> yes <input type="checkbox"/> no
If no, conducted by PRIOREC	<input type="checkbox"/> yes <input type="checkbox"/> no	Taking along empties for return	<input type="checkbox"/> yes <input type="checkbox"/> no

Final battery assessment	
<input type="checkbox"/> critical	(at least one point with „yes“) Transport fulfils ADR 2021 SP 376
<input type="checkbox"/> non-critical	(all points „no“) Transport fulfils ADR 2021 SP 377

<b>Battery non-critical according to checklist on page 2?</b>	<input type="checkbox"/> yes	<input type="checkbox"/> no
<b>Photographs taken and sent</b>	<input type="checkbox"/> yes	<input type="checkbox"/> no

<b>Customer</b> date, name, signature	<b>PRIOREC</b> date, name, signature
_____	_____



## Secondary battery conditions

The visual inspection is used to assess the transportability of the battery and if dots in the red or orange area are ticked with "Yes" the battery must be stored in a safe UN approved container and quarantined. If necessary, if in the red area, other instances (responsible for dangerous goods) must be consulted.

Page 2: To be completed by the sender

### Visual Check

Assessment of acute risk	Yes	No	Note
Smoke, crackling	<input type="checkbox"/>	<input type="checkbox"/>	If an aspect is answered with "Yes", immediate action must be taken to stop a reaction of the battery.
Fire	<input type="checkbox"/>	<input type="checkbox"/>	
Heat dissipation (from 70°C)	<input type="checkbox"/>	<input type="checkbox"/>	
Electrolyte discharge	<input type="checkbox"/>	<input type="checkbox"/>	
Gas leakage	<input type="checkbox"/>	<input type="checkbox"/>	
Assessment of condition	Yes	No	Note
Deformation (housing and /or cell)	<input type="checkbox"/>	<input type="checkbox"/>	If one aspect is answered with "Yes", the battery must be quarantined for at least 10 days, observed and, if necessary, placed in an appropriate container.
Deformation of modules / cell	<input type="checkbox"/>	<input type="checkbox"/>	
Bulging, swelling	<input type="checkbox"/>	<input type="checkbox"/>	
Cracks, holes, openings	<input type="checkbox"/>	<input type="checkbox"/>	
Battery burnt out	<input type="checkbox"/>	<input type="checkbox"/>	
Battery partially burnt	<input type="checkbox"/>	<input type="checkbox"/>	
Water ingress (e.g. due to extinguishing use or storage in the decay pool)	<input type="checkbox"/>	<input type="checkbox"/>	
Security assessment	Yes	No	Note
Damaged plug connections?	<input type="checkbox"/>	<input type="checkbox"/>	If NO, PRIOREC will take care of this on collection. Additional costs may be incurred.
If modules: poles insulated?	<input type="checkbox"/>	<input type="checkbox"/>	
Load securing fulfils ADR?	<input type="checkbox"/>	<input type="checkbox"/>	

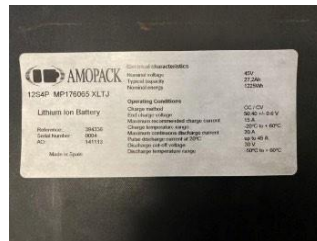
### Photo documentation

We require the following photographs by e-mail ([vertrieb@priorec.de](mailto:vertrieb@priorec.de)) in order to evaluate the battery optimally.

**Whole battery**



**Identification plate**



**Possible damages**

(as far as there are)



**Packaging**

(Battery ready for collection)



Please contact PRIOREC immediately if there is any uncertainty about filling out the form. We are happy to support you, in individual cases the latest when noticing site.