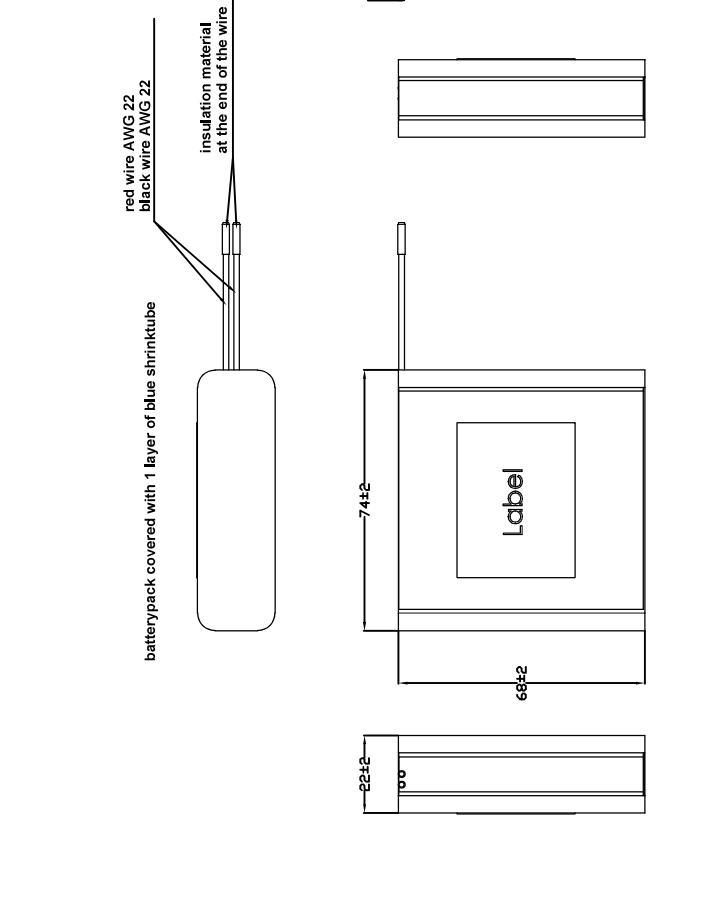
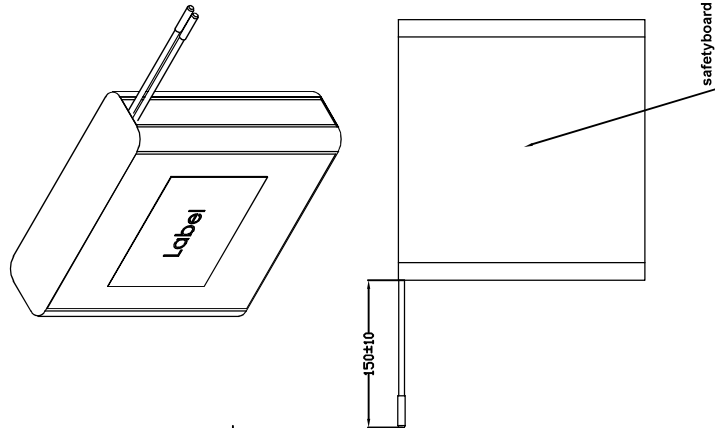


<p>The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible quantities for the production of the component. Through the acceptance of the drawing, the manufacturer releases the manufacturer from the obligation to provide technical assistance and to provide the necessary material for the production of the component. The manufacturer is responsible for the correct interpretation of the drawing and must be signed by the purchaser. The purchaser is responsible for the correct interpretation of the drawing and must be signed by the purchaser.</p>		<p>This drawing may not be copied, reproduced or made available to third parties in any way whatsoever without or prior written approval.</p>	
<p>Technische Daten/ technical data</p>	<p>Altkempe/ battery pack</p>	<p>Material: Scale (DIN A2): 1:1</p>	<p>Weight: All dimensions in mm</p>
<p>Chemie/ chemistry</p>	<p>Lithium Ion</p>	<p>Modell: Drawing name</p>	<p>LI-Ion-14V-2550mAh-4s1p-CQ-BAK</p>
<p>Zellenzahl/ no. of cells</p>	<p>4 Zellen/ cells NRY18650-CQ-BAK-4S1P</p>	<p>Scale (DIN A2): 1:1</p>	<p>Drawing number Part number 2447-3032-50</p>
<p>Kapazität/ capacity</p>	<p>nom. 2550mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ts 20°C; EV(Discharge End Voltage): 2.75V per cell C-min capacity</p>	<p>Date 2021</p>	<p>Sheet 1/1</p>
<p>Innenwiderstand/ impedance</p>	<p>-----</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Nennspannung/ nominal voltage</p>	<p>14.4V</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Standard Ladespannung/ standard charge voltage</p>	<p>16.8V±1%</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Standard Endladespannung/ standard discharge voltage</p>	<p>11.0V</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Nominaler Ladestrom/ nominal charge current</p>	<p>0.5C</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Maximaler Ladestrom/ maximum charge current</p>	<p>1C</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Ladeendstrom/ charge end current</p>	<p>0.01C recommended</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Maximaler Entladestrom/ maximum discharge current</p>	<p>2.55A</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Anwendungstemperaturbereich/ ambient temperature range</p>	<p>0°C...+45°C charge -20°C...+45°C discharge -20°C...+25°C storage max. 1 year -20°C...+45°C storage max. 3 months</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Selfentladung/ self discharge</p>	<p>≤ 5% / month at 20°C 10% / month at 30°C 20% / month at 40°C</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Standards/</p>	<p>UN 3480, Subsection 38.3 All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Technische Daten/ technical data</p>	<p>Sicherheitschaltung/ safety board</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Überladeschutzspannung/ over charge voltage detection</p>	<p>4.25V±50mV per cell</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Wiederschaltspannung/ over charge release voltage</p>	<p>4.13V±50mV per cell</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Entladeblockierspannung/ over discharge detection voltage</p>	<p>2.5V±80mV per cell</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Wiederschaltspannung/ over discharge release voltage</p>	<p>2.7V±100mV per cell</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Nominaler Lade-Entladestrom/ nominal operating current</p>	<p>3.35A</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Entlade-Abschaltstrom/ discharge cut off current</p>	<p>12.5A±1.875A</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Kurzschlusschutz/ short circuit protection</p>	<p>gegen äußeren Kurzschluss/ against external short circuit</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Temperaturschalter/ temperature switch</p>	<p>-----</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>MOSFET</p>	<p>im Pluszweig/ in positive path</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Rückkehrfunktion/ release condition</p>	<p>Ladefunktion, Aktiv nach Aufladen/ cut back, release after charging up</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Nettogewicht/ net weight</p>	<p>FR4</p>	<p>Name MST</p>	<p>Approved by</p>
<p>Leiterplattenmaterial/ pcb material</p>	<p>CE</p>	<p>Date 2021</p>	<p>Approved by</p>
<p>Standards</p>	<p>-----</p>	<p>Name MST</p>	<p>Approved by</p>



Application range for inquiry	Allowable deviation general tolerances	Tolerance principle	Material	Weight
	DIN ISO 2768-m	ISO 9015		
	Date	Name		
	2021	MST		
	Approved by			
V3 Updated text font	2023.07	Joos		
V2 Modify parameter remark	2022.03	Joos		
V1 Updated parameter	2021.07	Joos		
V0	-----	-----		
Version	Change	Date	Name	Project
				710293
Replaced by:				