

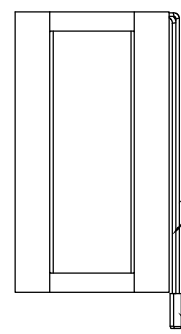
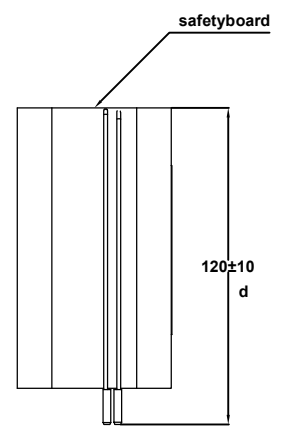
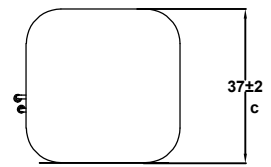
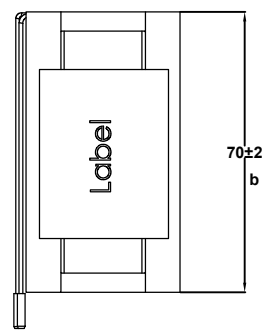
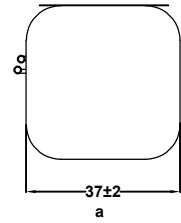
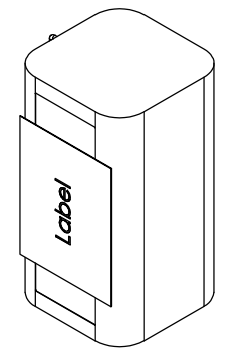


**THE DATASHEET OF
2447-3049-50-XX**



The supplier acknowledges that, with the acceptance of this drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible form and series production. Through this series manufacturing process, no further changes in the material and structure which could subsequently lead to an impairment of the properties of the components are permitted. The manufacturer is not liable for damage caused by the use of the components.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells INR18650-CQ-Bak; 2S2P
Kapazität/ capacity	:	Nom. 5100mAh discharge at 0.2C Min. 5000mAh discharge at 0.2C ta:25°C; EV(Discharge End Voltage): 2.75V per cell C=min capacity
impedance	:	
Nominalspannung/ nominal voltage	:	7.2V
Standard Ladespannung/ standard charge voltage	:	8.4 V ± 1%
Überladeschutzspannung/ over charge voltage detection	:	8.56 V ± 100mV
Wiedereinschaltspannung/ over charge release voltage	:	8.16 V ± 140mV
Entladeabschaltspannung/ over discharge detection voltage	:	5.6 V ± 200mV
Wiedereinschaltspannung/ over discharge release voltage	:	6.0 V ± 240mV
Nominaler Ladestrom/ nominal charge current	:	2.5 A
Maximaler Ladestrom/ maximum charge current	:	5.0 A
Ladeendstrom/ charge end current	:	50 mA
Maximaler Entladestrom/ maximum discharge current	:	6.7 A
Entlade Abschaltstrom/ discharge cut off current	:	11.5 A ± 2.0 A
Kurzschlusschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Anwendungstemperaturbereich/ ambient temperature range	:	0°C...+45°C charge -20°C...+60°C discharge -20°C...+25°C storage max. 1 year -20°C...+45°C storage max. 3months
Standards/	:	UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3



Red wire (+) AWG 20 (AWM 1007,PVC,Ø1.8±0.1)
Black wire (-) AWG 20 (AWM 1007,PVC,Ø1.8±0.1)
Peeling at the end of line : Length 4 ±1.5mm

isolation
at the end of the wire

batterypack covered with 2 layers of blue shrinktube

- Remarks:
V4 modify list:
1. Update drawing format
2. Update tolerance of size
3. Add cable information

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
						Scale (DIN A2): 1:1		All dimensions in mm	
						Drawing name		Weight: 201g	
						2021		Date	
						23.02.		Name	
						MST		Drawing name	
						Approved by		Li-Ion-7.2V-5100mAh-2s2p-CQ-BAK_Block	
V4	Updated ref remark	2024.11.04	HONG						
V3	updated text font	2023.05.26	HONG						
V2	Modify parameter remark	2022.01.13	HONG						
V1	updated parameter	2021.12.27	HONG						
V0	---	23.02.21	MST						
Version		Change		Date		Name		Project: 710579	
						Replaced by:		Replacement through:	
						Drawing number		Sheet	
						Part number		1/1	
						2447-3049-50			

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- ⊖ [ANSMANN \(Huizhou\) Trading CO., LTD Information](#)

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management