

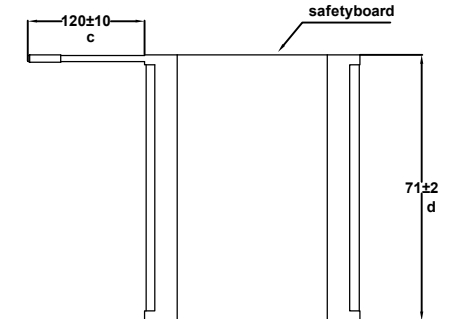
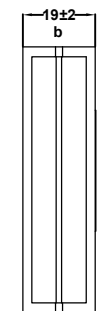
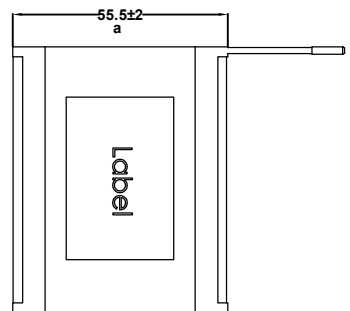
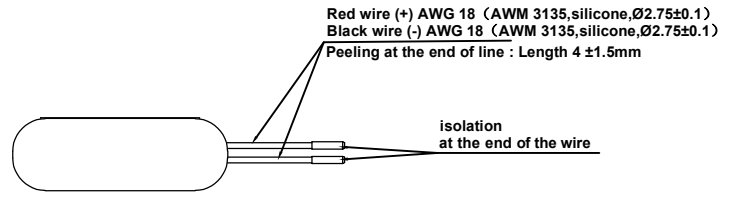
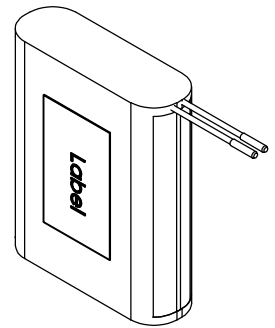


THE DATASHEET OF
2447-0108-XX



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Technische Daten/ technical data	: Akkupack/ batterypack
Chemie/ chemistry	: Lithium Ion
Zellenzahl/ no. of cells	: 3 Zellen/ cells INR18650-CQ-BAK; 3S1P
Kapazität/ capacity	: nom. 2550mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:25°C; EV(Discharge End Voltage): 2.75V per cell C=min capacity
Nominalspannung/ nominal voltage	: 10.8V
Standard Ladespannung/ standard charge voltage	: 12.6 V
Überladeschutzspannung/ over charge voltage detection	: 12.75 V ± 75mV
Wiedereinschaltspannung/ over charge release voltage	: 12.45 V ± 150mV
Entladeabschaltspannung/ over discharge detection voltage	: 8.1 V ± 240mV
Wiedereinschaltspannung/ over discharge release voltage	: 9.0 V ± 300mV
Nominaler Ladestrom/ nominal charge current	: 1.25A / 0.5C
Maximaler Ladestrom/ maximum charge current	: 2.5A / 1C
Ladeendstrom/ charge end current	: 0.01C recommended
Maximaler Entladestrom/ maximum discharge current	: 5.0 A
Entlade Abschaltstrom/ discharge cut off current	: 10.0 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/ standards	: 1. UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3 2. IEC 62133-2:2017



batterypack covered with 1 layer of blue shrinktube

- Remarks:**
V1 modify list:
1. Update tolerance to ±2mm
 2. Update Standards/IEC 62133-2:2017
 3. Update cable information
 4. UPdate drawing format

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
						Scale (DIN A2): 1:1		All dimensions in mm	
				Date		Name		Drawing name	
				2023.11.12		Hong		Li-Ion-10.8V-2550mAh-PTC_3s1p-CQ-BAK	
				Drawn by		Approved by		Drawing number	
								2447-0108	
V1 Updated_ref remarks		2024.11.04		HONG		ANSMANN		Part number	
V0 Create this file		2023.11.12		Hong				2447-0108	
Version		Change		Date		Name		Project:	
								Replaced by:	
								Replacement through:	
								Sheet 1/1	

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

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