

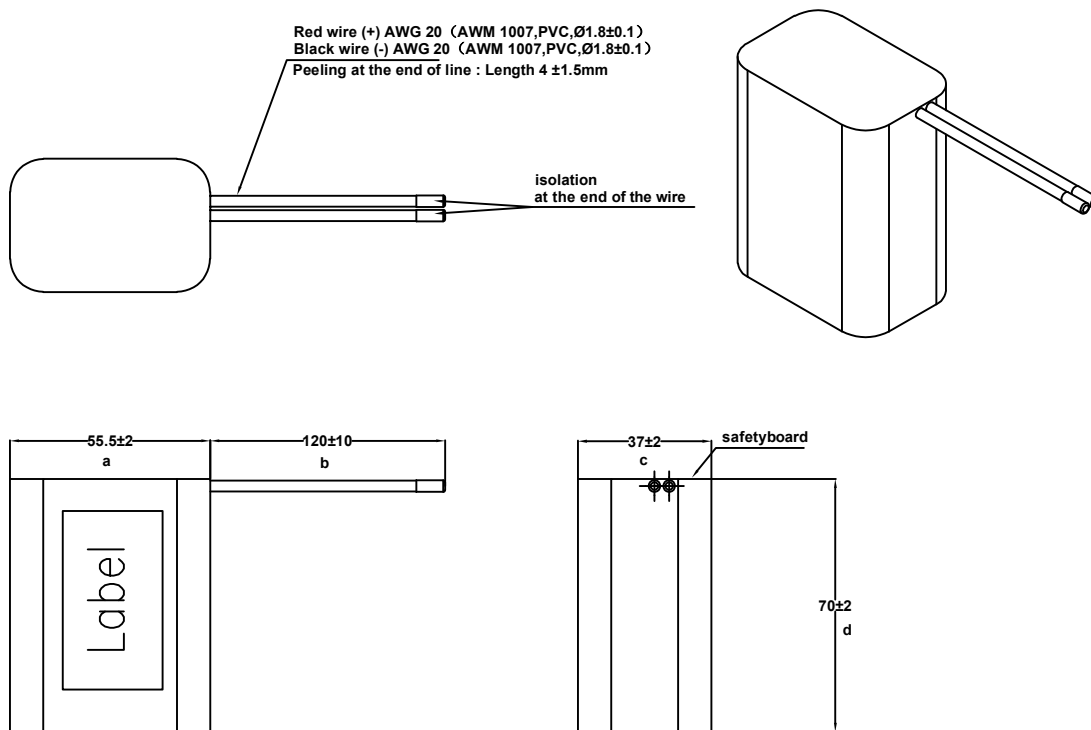


THE DATASHEET OF
2447-3050-50-XX



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Technische Daten/ technical data	:	Akkupack/ battery pack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	6 Zellen/ cells INR18650-CQ-BAK; 3S2P
Kapazität/ capacity	:	nom. 5100mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell C=min capacity
Innenwiderstand/ impedance	:	-----
Nominalspannung/ nominal voltage	:	10.8 V
Standard Ladespannung/ standard charge voltage	:	12.6 V
Überladeschutzspannung/ over charge voltage detection	:	12.75 V ± 120mV
Wiedereinschaltspannung/ over charge release voltage	:	12.39 V ± 150mV
Entladeabschaltspannung/ over discharge detection voltage	:	8.4 V ± 240mV
Wiedereinschaltspannung/ over discharge release voltage	:	9.0 V ± 300mV
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	:	5.1 A
Entlade Abschaltstrom/ discharge cut off current	:	20.0 A ± 3 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/	:	1. UN 3480, Subsection 38.3 All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3



battery pack covered with 2 layer 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	
								Weight: 295g	
		2022		Date		Name		Drawing name	
						HONG			
V4 Updated ref remark		2024.11.04		HONG				Li-Ion-10.8V-5100mAh-3s2p-CQ-BAK	
V3 Updated text font		2023.05.28		HONG					
V2 Add label information		2022.09.22		HONG					
V1 Add capacity information		2022.04.13		HONG					
V0 Create this DS		2022.02.23		HONG					
Version		Change		Date		Name		Project: 710579	
								Replaced by:	
								Replacement through:	
								Drawing number	
								Part number	
								2447-3050-50	
								Sheet	
								1/1	

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