



THE DATASHEET OF
2447-0127-XX



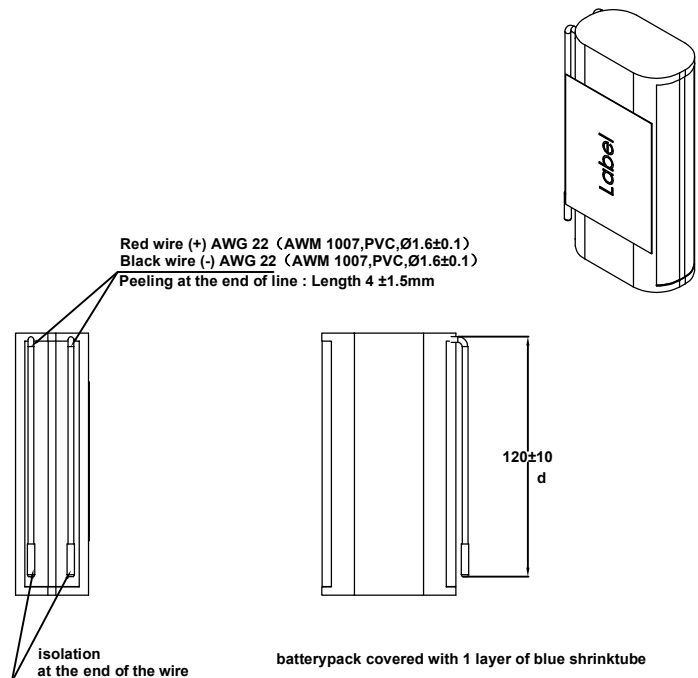
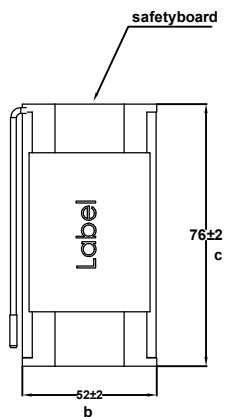
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Technische Daten/ technical data : Akkupack/ battery pack
Chemie/ chemistry : Lithium Fe
Zellenzahl/ no. of cells : 2 Zellen/ cells 26700FB2-BAK; 2S1P
Kapazität/ capacity : nom. 4500mAh discharge at 0.2C
 min. 4400mAh discharge at 0.2C
 ta:25°C; EV(Discharge End Voltage): 2.0V per cell
 C=min capacity

Innenwiderstand/ impedance : -----
Nominalspannung/ nominal voltage : 6.4V
Standard Ladespannung/ standard charge voltage : 7.2V
Überladeschutzspannung/ over charge voltage detection : 7.3 V ± 50mV
Wiedereinschaltspannung/ over charge release voltage : 6.96 V ± 100mV
Entladeabschaltspannung/ over discharge detection voltage : 4.1 V ± 160mV
Wiedereinschaltspannung/ over discharge release voltage : 4.7 V ± 200mV
Maximaler Ladestrom/ maximum charge current : 2.2A
Ladeendstrom/ charge end current : 44mA
Maximaler Entladestrom/ maximum discharge current : 4.4A
Entlade Abschaltstrom/ discharge cut off current : 6.95A ± 1.25 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...+55°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



Remarks:
 V2 modify list:
 1. Update Standards/
 2. Update cable information

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
		DIN ISO 2768-m		ISO 8015		Scale (DIN A2): 1:1		All dimensions in mm	
		Date		Name		Drawing name		Weight: 196g	
		2024.01.25		Hong		Li-Fe-6,4V-4,5Ah-2s1p-PTC-BAK			
		Approved by				Drawing number		Sheet	
						Part number		1/1	
V2 Update ref remarks		2024.12.04		Hong		2447-0127			
V1 Update battery type		2024.10.07		Hong					
V0 Create this file		2024.01.25		Hong					
Version Change		Date Name Project:		Replaced by:		Replacement through:			



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