

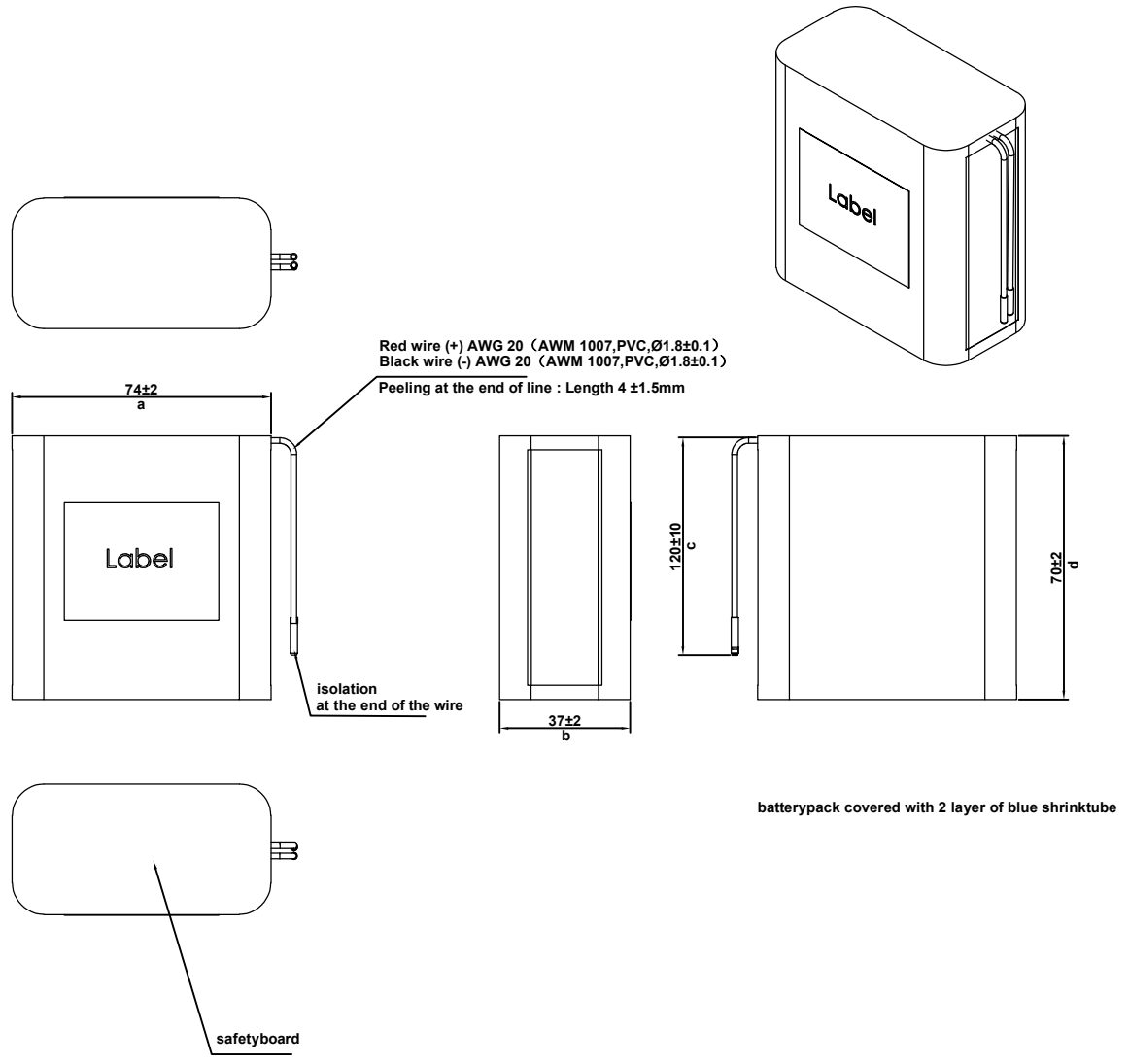


THE DATASHEET OF
2447-3035-60-XX



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 form and to deliver it in the required quantity. The drawing is not to be used for the manufacture of parts for which the drawing is not intended. The drawing is not to be used for the manufacture of parts for which the drawing is not intended. The drawing is not to be used for the manufacture of parts for which the drawing is not intended.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	8 Zellen/ cells INR18650-CH-BAK; 4S2P
Kapazität/ capacity	:	nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:25°C; EV(Discharge End Voltage): 2.75V per cell C=nom capacity
Innenwiderstand/ impedance	:	-----
Nominalspannung/ nominal voltage	:	14.4V
Standard Ladespannung/ standard charge voltage	:	16.8 V
Überladeschutzspannung/ over charge voltage detection	:	17.0 V ± 160mV
Wiedereinschaltspannung/ over charge release voltage	:	16.52 V ± 200mV
Entladeabschaltspannung/ over discharge detection voltage	:	11.2 V ± 320mV
Wiedereinschaltspannung/ over discharge release voltage	:	12.0 V ± 400mV
Nominaler Ladestrom/ nominal charge current	:	2.6A
Maximaler Ladestrom/ maximum charge current	:	5.2A
Ladeendstrom/ charge end current	:	52mA
Maximaler Entladestrom/ maximum discharge current	:	5.2 A
Entlade Abschaltstrom/ discharge cut off current	:	14.28 A ± 2.5 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



Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
						Scale (DIN A2): 1:1		All dimensions in mm	
						Date		Name	
				Drawn by		2024.06.03		Hong	
				Approved by					
								Drawing name	
								Li-Ion-14.4V-5200mAh-PTC-4S2P-CH-BAK	
V2 Update Standards		2024.11.16		Hong		Drawing number		Sheet	
V1 Update L,W,H tolerance		2024.08.26		Hong		Part number		1/1	
V0 Create this file		2024.06.03		Hong		2447-3035-60			
Version Change		Date Name Project:		Replaced by:		Replacement through:			

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