

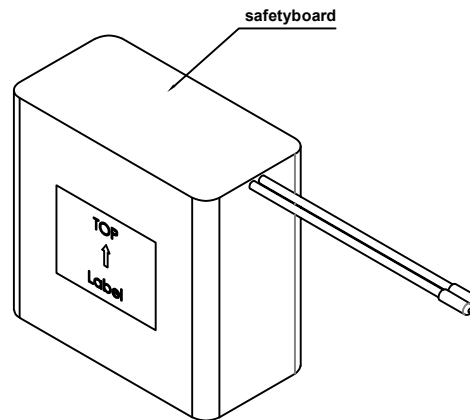
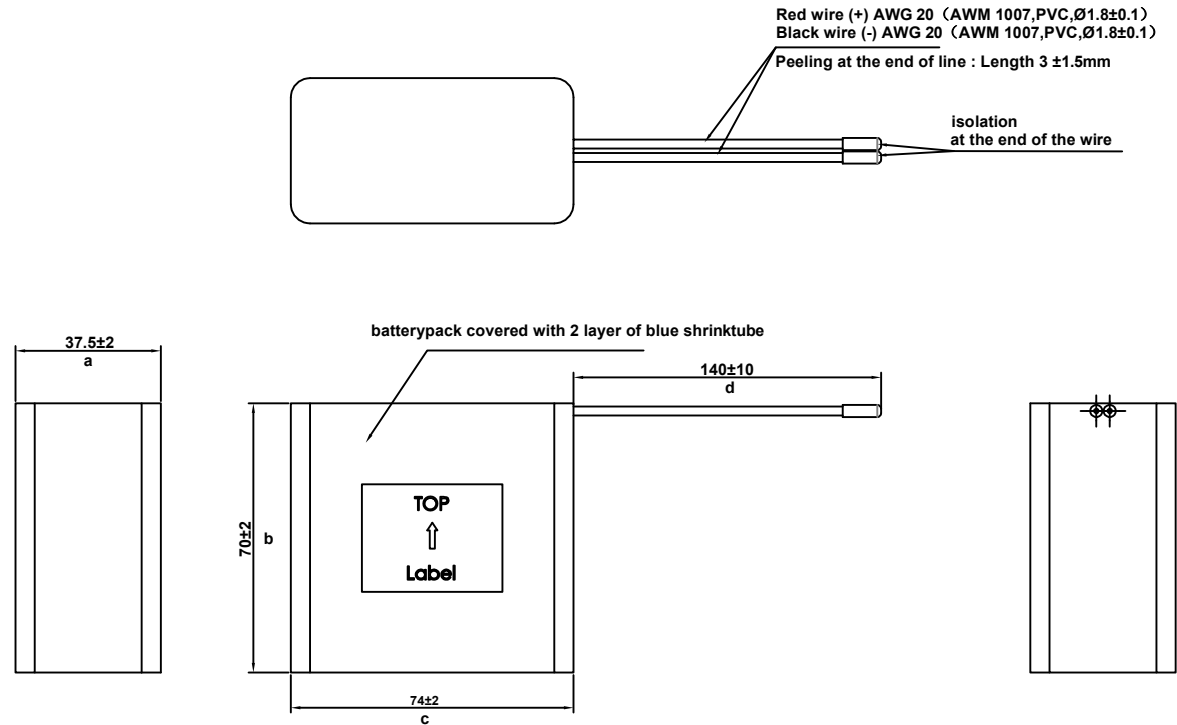


THE DATASHEET OF
2447-3035-40-XX



The supplier acknowledges that, with the acceptance of this drawing, he is a participant in the manufacture of the illustrated part in accordance with the drawing. In the event of a reproduction, he is responsible for the accuracy of the drawing. The supplier is not responsible for any damage or impairment of the component. Verbal agreements over and above this are not valid. Deviations from this data must be written and must be signed by the purchaser.

- Technische Daten/
technical data : Akkupack/
batterypack
- Chemie/
chemistry : Lithium Ion
- Zellenzahl/
no. of cells : 8 Zellen/ cells INR18650-CP-Bak; 4S2P
- Kapazität/
capacity : Nom. 6700mAh discharge at 0.2C
Min. 6500mAh discharge at 0.2C
ta:25°C; EV(Discharge End Voltage): 2.5V per cell
C=min capacity
- impedance
- Nominalspannung/
nominal voltage : 14.4 V
- Standard Ladespannung/
standard charge voltage : 16.8 V
- Überladeschutzspannung/
over charge voltage detection : 17.0 V ± 60mV
- Wiedereinschaltspannung/
over charge release voltage : 16.6 V ± 120mV
- Entladeabschaltspannung/
over discharge detection voltage : 10.0 V ± 200mV
- Wiedereinschaltspannung/
over discharge release voltage : 12.0 V ± 320mV
- Nominaler Ladestrom/
nominal charge current : 3.25 A
- Maximaler Ladestrom/
maximum charge current : 4.5 A
- Ladeendstrom/
charge end current : 65 mA
- Maximaler Entladestrom/
maximum discharge current : 6.7 A
- Entlade Abschaltstrom/
discharge cut off current : 13.5 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/ : 1.UN 3480, Subsection 38.3
All cells and batterypacks type tested according
to UN manual of test and criteria subsection 38.3



Remarks:
V4 modify list:
1. update Parameter
2. update standards

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:		
						Scale (DIN A2):		All dimensions in mm	Weight: 410g	
						1:1				
		2025	Date	Name	Drawing name					
			13.01	HONG	Li-Ion-14.4V-6700mAh-4s2p-CP-BAK					
V4	Updated remark	2025.03.21	HONG	Approved by						
V3	Updated text font	2023.07.07	HONG							
V2	Modify shrinktube	2022.12.14	HONG							
V1	Add capacity information	2022.04.13	HONG							
V0	Create this data	2022.01.24	HONG							
Version	Change	Date	Name	Project:	710579	Replaced by:	Replacement through:			
						Drawing number		Part number		Sheet
						2447-3035-XX		1/1		

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