



THE DATASHEET OF
2447-0071-40-XX

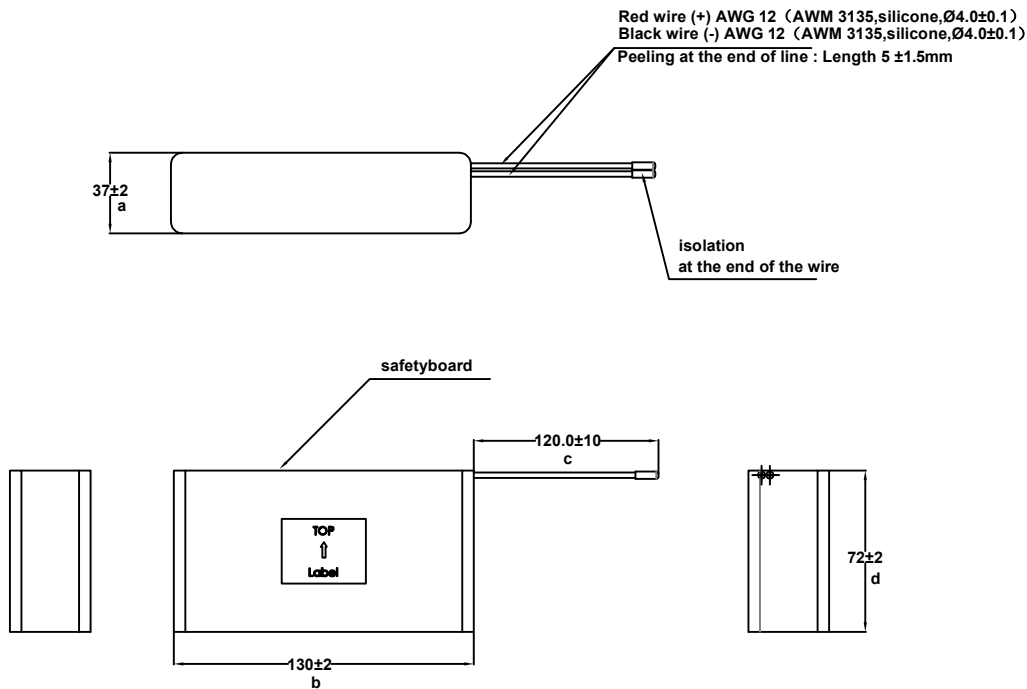
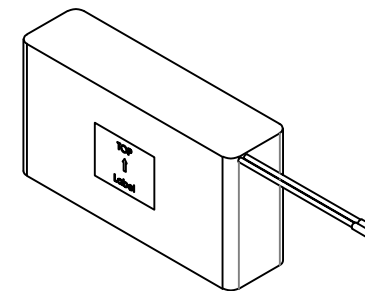


The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible form and in any quantity. Through this acceptance, the manufacturer will also be responsible for the material and structure which could subsequently lead to an impairment of the components. The manufacturer is not responsible for the design of the components.

- Technische Daten/
technical data : Akkupack/
battery pack
- Chemie/
chemistry : Lithium Ion
- Zellenzahl/
no. of cells : 14 Zellen/ cells INR18650-CP-BAK; 2S7P
- Kapazität/
capacity : nom. 23.45Ah discharge at 0.2C
min. 22.75Ah discharge at 0.2C
ta:20°C; EV(Discharge End Voltage): 2.5V per cell
C=min capacity
- Nominalspannung/
nominal voltage : 7.2 V
- Standard Ladespannung/
standard charge voltage : 8.4 V
- Überladeschutzspannung/
over charge voltage detection : 8.56 V ± 100mV
- Wiedereinschaltspannung/
over charge release voltage : 8.16 V ± 100mV
- Entladeabschaltspannung/
over discharge detection voltage : 5.6 V ± 160mV
- Wiedereinschaltspannung/
over discharge release voltage : 6.0 V ± 200mV
- Nominaler Ladestrom/
nominal charge current : 11.375 A
- Maximaler Ladestrom/
maximum charge current : 22.75 A
- Ladeendstrom/
charge end current : 0.2275A
- Maximaler Entladestrom/
maximum discharge current : 23.45 A
- Entlade Abschaltstrom/
discharge cut off current : 43.5A± 8.5A
- 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/ :



battery pack covered with 2 layers of Blue shrinktube

Remarks:



V3 modify list:

1. Update height tolerance to ±2mm
2. Update cable information
3. Update drawing format

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:					
						Scale (DIN A2):			Weight:				
						1:1		All dimensions in mm	725g				
		2022	Date	Name	Drawing name								
		Drawn by	03.08	HONG	Li-Ion-7.2V-23.45Ah-2s7p-CP-BAK								
		Approved by											
V3	Updated ref remark	2024.11.04	HONG							Drawing number		Sheet	
V2	Updated text font	2023.05.28	HONG							Part number	2447-0071-40	1/1	
V1	Add capacity information	2022.04.13	HONG							Replaced by:		Replacement through:	
V0	Create this DS	2022.03.08	HONG										
Version	Change	Date	Name	Project:	710579								

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

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