THE DATASHEET OF

2447-3036-60-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 series production. Through the selected manufacturing processes no impairments will arise in the material and structure which could subsequently lead to an impairment of the component. Verbal agreements over and above that are not valid. Deviations from this rule must be writing and must be signed by the purchaser.

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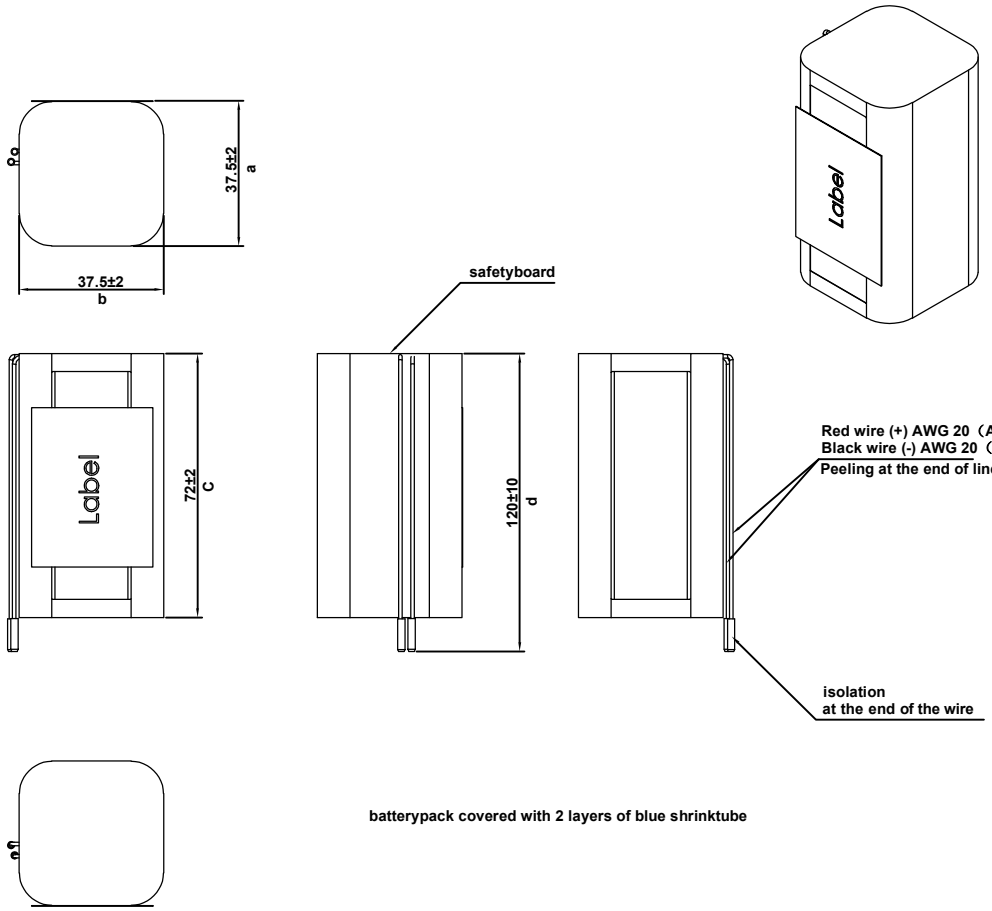
Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells INR18650-CH-BAK; 4S1P
Kapazität/ capacity	:	nom. 2600mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:25°C; EV(Discharge End Voltage): 2.75V per cell C=nom capacity
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	:	1.3 A
Maximaler Ladestrom/ maximum charge current	:	2.6 A
Ladeendstrom/ charge end current	:	0.01C recommended
Maximaler Entladestrom/ maximum discharge current	:	5.0 A
Entlade Abschaltstrom/ discharge cut off current	:	12.5 A ± 2.5 A
Charging high temperature protection temperature	:	46 ± 5℃
Discharge high temperature protection temperature	:	63 ± 5℃
	:	
Kurzschlussschutz/ 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 2. IEC 62133-2:2017



batterypack covered with 2 layers of blue shrinktube

Version	Change	Date	Name
V2	Update Standards	2024.11.15	Hong
V1	Update L,W,H tolerance	2024.08.26	Hong
V0	Create this file	2024.07.22	Hong

Application range for inquiry

Allowable deviation general tolerances

Tolerance principle:

	Date	Name
Drawn by	2024.07.22	Hong
Approved by		

ANSMANN

Project:

Model:

Material:

Scale (DIN A2): 1:1

All dimensions in mm

Weight: 187g

Drawing name: Li-Ion-14.4V-2600mAh-4s1p-Block-PTC-CH

Drawing number / Part number: 2447-3036-60

Sheet: 1/1

Replaced by:

Replacement through:

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