

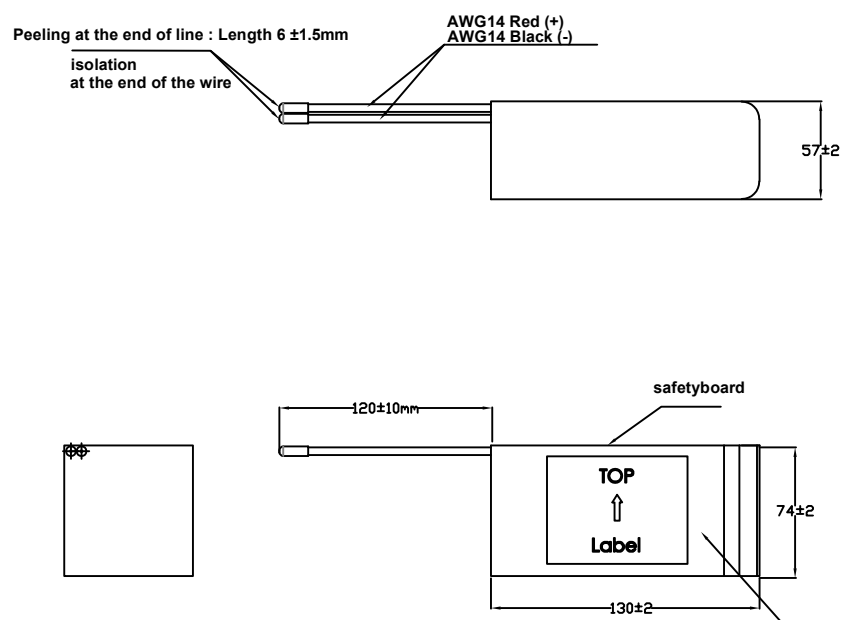


**THE DATASHEET OF
2447-0121-XX**



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- Technische Daten/
technical data : Akkupack/
battery pack
- Chemie/
chemistry : Lithium Ion
- Zellenzahl/
no. of cells : 21 Zellen/ cells INR18650-CH-BAK; 7S3P
- Kapazität/
capacity : nom. 7800mAh discharge at 0.2C
min. 7500mAh discharge at 0.2C
ta:25°C; EV(Discharge End Voltage): 2.75V per cell
C=nom capacity
- Innenwiderstand/
impedance : -----
- Nominalspannung/
nominal voltage : 25.2V
- Standard Ladespannung/
standard charge voltage : 29.4V
- Überladeschutzspannung/
over charge voltage detection : 29.75 V ± 175mV
- Wiedereinschaltspannung/
over charge release voltage : 29.05 V ± 175mV
- Entladeabschaltspannung/
over discharge detection voltage : 18.9 V ± 210mV
- Wiedereinschaltspannung/
over discharge release voltage : 21.0 V ± 210mV
- Nominaler Ladestrom/
nominal charge current : 3.9 A
- Maximaler Ladestrom/
maximum charge current : 7.6 A
- Ladeendstrom/
charge end current : 78mA
- Maximaler Entladestrom/
maximum discharge current : 16.0 A
- Entlade Abschaltstrom/
1st level discharge cut off current : 30.0A ± 4.5A Delay 700ms—1300ms
- 2nd level discharge cut off current : 65A ± 10A Delay 90ms—130ms
- 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
2. CE



batterypack covered with 2 layer shrinktube
Inside 1 layer of black. Outside 1 layer of yellow.

Remarks:
V1 modify below:
1.1:Update1st level discharge cut off current to 30.0A
1.2:Update batterypack covered shrinktube 2 layer

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
						Scale (DIN A2): 1:1		All dimensions in mm	
						Drawing name			
						Li-Ion-25.2V-7800mAh-7s3p-CH-BAK			
V2 Update capacity Change Request number: CN-25-5008		2025.06.30 HONG		Date 2024.04.02		Name HONG		Drawing number Part number	
V1 Ref remarks		2024.04.02 HONG						2447-0121	
V0 Create this DS		2024.04.02 HONG						Sheet 1/1	
Version Change		Date Name		Project: 710579		Replaced by:		Replacement through:	

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