

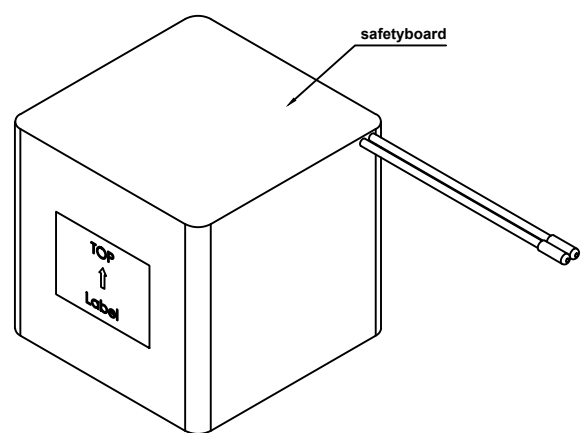
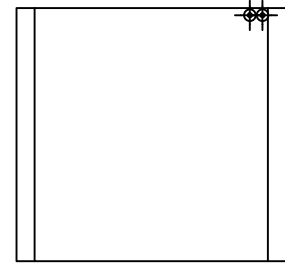
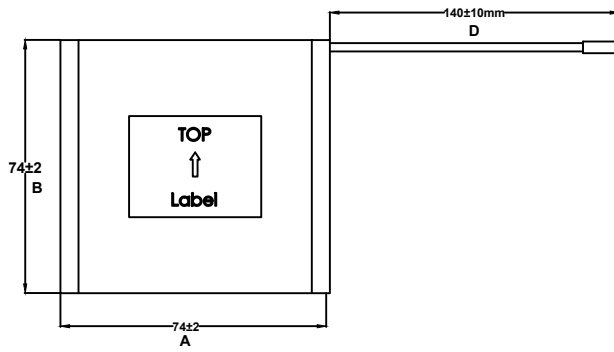
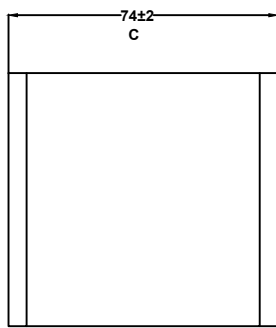
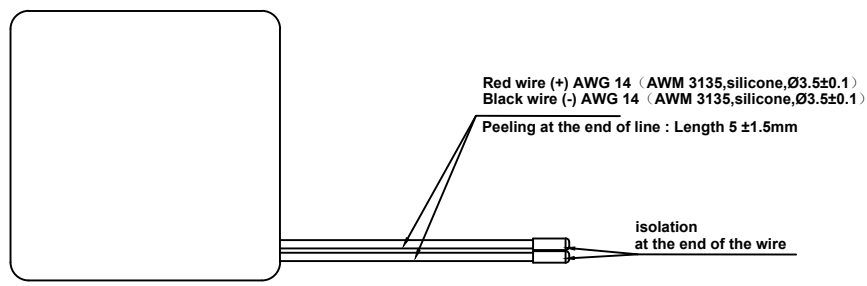


THE DATASHEET OF
2447-3099-40-XX



The supplier acknowledges that, with the acceptance of this drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible quantities. He is not responsible for the technical correctness of the drawing. The drawing is not to be used for the production of a component without the approval of the manufacturer. The drawing is not to be used for the production of a component without the approval of the manufacturer. The drawing is not to be used for the production of a component without the approval of the manufacturer.

- Technische Daten/ technical data** : Akkupack/ battery pack
- Chemie/ chemistry** : Lithium Ion
- Zellenzahl/ no. of cells** : 16 Zellen/ cells INR18650-CP-BAK; 4S4P
- Kapazität/ capacity** : nom. 13.4 Ah discharge at 0.2C
min. 13.0 Ah discharge at 0.2C
ta:20°C; EV(Discharge End Voltage): 2.5V per cell
C=min capacity
- Nominalspannung/ nominal voltage** : 14.4 V
- Standard Ladespannung/ standard charge voltage** : 16.8 V
- Überladeschutzspannung/ over charge voltage detection** : 17.0 V ± 60 mV
- Wiedereinschaltspannung/ over charge release voltage** : 16.6 V ± 120 mV
- Entladeabschaltspannung/ over discharge detection voltage** : 10.0 V ± 100 mV
- Wiedereinschaltspannung/ over discharge release voltage** : 12.0 V ± 320 mV
- Maximaler Ladestrom/ maximum charge current** : 6.0 A
- Ladeendstrom/ charge end current** : 130 mA
- Maximaler Entladestrom/ maximum discharge current** : 13.0 A
- Entlade Abschaltstrom/ discharge cut off current** : 16.6 A ± 3.3 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 battery packs type tested according to UN manual of test and criteria subsection 38.3





battery pack covered with 3 layer of blue shrinktube

| | | | | | | | | | |
|-------------------------------|--|--|--|----------------------|--|---------------------|--|---------------------------------|--|
| Application range for inquiry | | Allowable deviation general tolerances | | Tolerance principle: | | Model: | | Material: | |
| | | | | | | Scale (DIN A2): 1:1 | | All dimensions in mm | |
| | | 2021 | | Date | | Name | | Drawing name | |
| | | Drawn by | | 01.26 | | HONG | | Li-Ion-14.4V-13.4Ah-4s4p-CP-BAK | |
| V5 Update height to 74mm | | 2020.05.16 | | HONG | | Approved by | | Drawing number | |
| V4 Update Standards | | 2020.04.02 | | HONG | | | | Part number | |
| V3 Update parameters | | 2020.05.14 | | HONG | | | | 2447-3099-40 | |
| V2 updated text font | | 2023.07.07 | | HONG | | | | Sheet | |
| V1 Modify parameter remark | | 2022.03.03 | | HONG | | | | 1/1 | |
| V0 Create this data | | 2022.01.26 | | HONG | | | | Replaced by: | |
| Version | | Change | | Date | | Name | | Project: 711420 | |
| | | | | | | | | Replacement through: | |

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