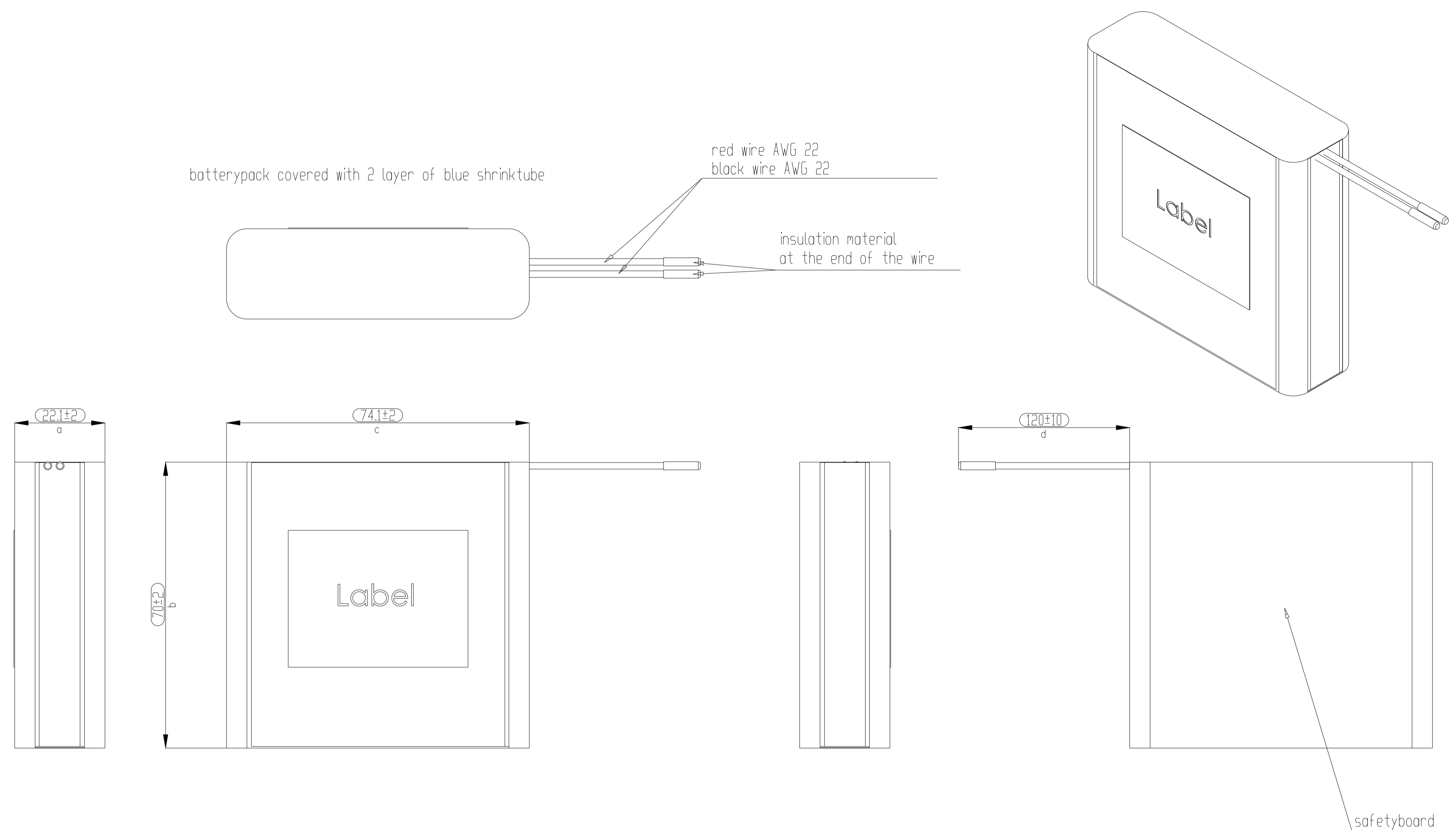


| | |
|--|--|
| Technische Daten/ technical data | : Akkupack/ batterypack |
| Chemie/ chemistry | : Lithium Ion |
| Zellenzahl/ no. of cells | : 4 Zellen/ cells ; 4S1P |
| Zellentyp/ cell type | : INR18650 LGC MJI |
| Kapazität/ capacity | : nom. 3500mAh discharge at 0.2C min. 3350mAh discharge at 0.2C ta20°C; EV(Discharge End Voltage): 2.5V per cell |
| Innenwiderstand/ impedance | : < 240mOhm (battery and safetyboard) |
| Nominalspannung/ nominal voltage | : 14.54V |
| Standard Ladespannung/ standard charge voltage | : 16.8V±1% |
| Standard Entladespannung/ standard discharge voltage | : 10V |
| Nominaler Ladestrom/ nominal charge current | : 0.5C |
| Maximaler Ladestrom/ maximum charge current | : 1C |
| Ladeendstrom/ charge end current | : 0.01C recommended |
| Maximaler Entladestrom/ maximum discharge current | : 4000mA (limited by safetyboard) |
| Anwendungstemperaturbereich/ ambient temperature range | : 0°C...+45°C charge -20°C...+60°C discharge -20°C...+30°C storage max. 1 year -20°C...+45°C storage max. 3months |
| Selbstentladung/ self discharge | : ≤ 5% / month at20°C ≤ 10% / month at30°C ≤ 20% / month at40°C |
| Standards/ | : UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3 |
| Technische Daten/ technical data | : Sicherheitsschaltung/ safety board (0180-3199) |
| Überladeschutzspannung/ over charge voltage detection | : 4.35V±25mV per cell |
| Wiedereinschaltspannung/ over charge release voltage | : 4.15V±50mV per cell |
| Entladeabschaltspannung/ over discharge detection voltage | : 2.4V±80mV per cell |
| Wiedereinschaltspannung/ over discharge release voltage | : 3.0V±100mV per cell |
| Nominaler Lade/Entladestrom/ nominal operating current | : 4A |
| Entlade Abschaltstrom/ discharge cut off current | : 15A± 5A |
| Kurzschlusschutz/ short circuit protection | : gegen äußeren Kurzschluss/ against external short circuit |
| Temperaturschalter/ temperature switch | : PTC : JK-P600 20V/6A at 25°C; 5.2A at 40°C |
| MOSFET | : im Pluszweig/ in positive path |
| Rückstellkriterium/ release condition | : Last trennen, Aktiv nach Anladen/ cut load, release after charging up |
| Leiterplattenmaterial/ pcb material | : FR4 |
| Nettogewicht/ net weight | : 203.2g |
| Standards | : CE, UKCA |



| Part Number | SAP Description |
|---------------|----------------------------------|
| 2447-3032-20 | Li-Ion-14.5V-3500mAh-4S1P-PTC/LG |
| 2447-3032-220 | Li-Ion-14.5V-3500mAh-PTC/UK |

| | | | | | | | |
|---|--|--|--|----------------------------------|--|------------------------|--|
| Allowable deviation general tolerances | | Surface: | | Material: | | Weight | |
| DIN ISO 2768-m | | | | Scale (DIN A2): 1:1 | | Projection method 1 | |
| Date | | Name | | Product name: | | | |
| 12.10.2016 | | JX | | Li-Ion-14.5V-3500mAh-4S1P-PTC/LG | | | |
| Drawn by | | Changed by | | Part number | | Project: | |
| V5 standards updated 09.06.2021 DS | | V4 change request: DE-20-5013 13.02.2020 MST | | 2447-3032-X20 | | IS-01263 | |
| V3 part number overview added 15.04.2019 DS | | V2 cable length changed 16.01.2018 DS | | Application range for inquiry | | Sheet | |
| V1 change request DE-17-0071 14.11.2017 DS | | V0 created this D/S 12.10.2016 JX | | XXX/XX | | 1/1 | |
| Version Change | | Date Name | | ANSMANN® | | | |

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