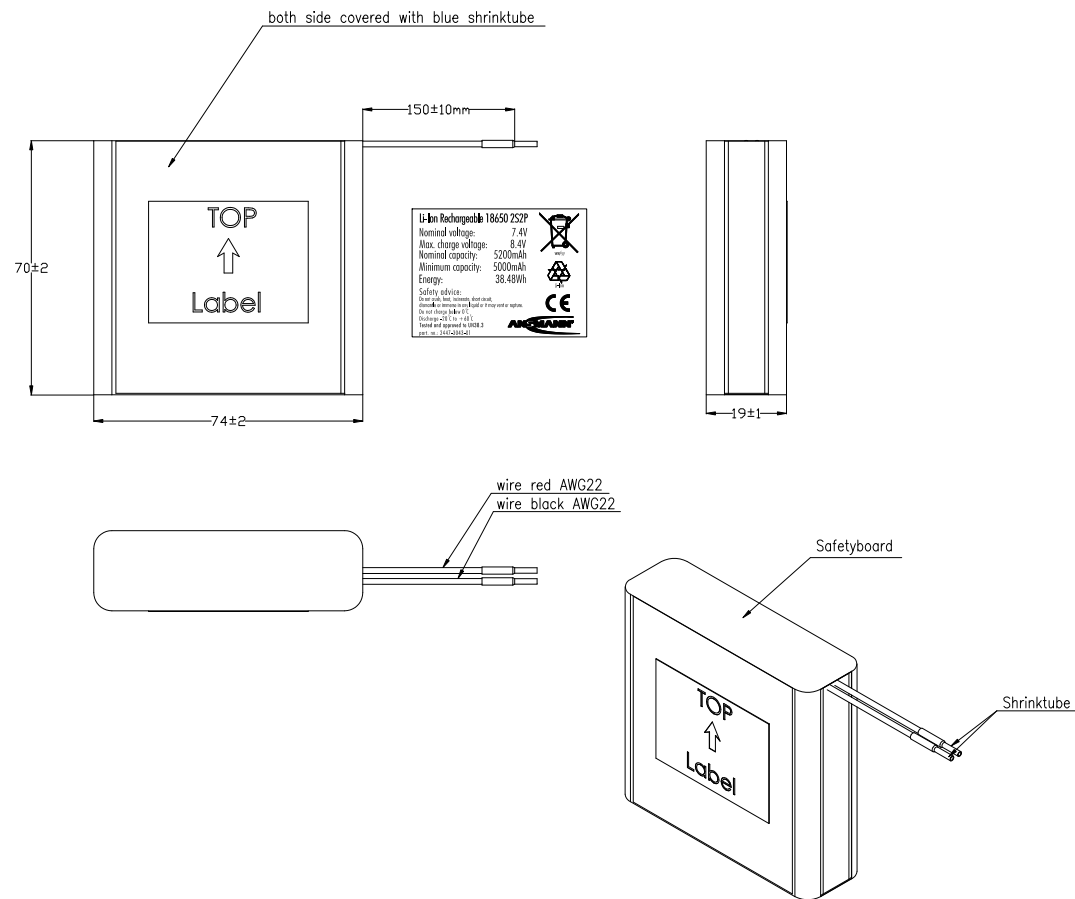


|                                                              |                                                                                                                                   |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Technische Daten/<br>technical data                          | : Akkupack/<br>Battery pack                                                                                                       |
| Chemie/<br>chemistry                                         | : Li-Ion                                                                                                                          |
| Zellentyp/<br>Cell type                                      | : LG B4                                                                                                                           |
| Zellenzahl/<br>no. of cells                                  | : 4 Zellen/ cells 18650 2S2P                                                                                                      |
| Kapazität/<br>capacity                                       | : nom. 5200mAh discharge at 0.2C<br>min. 5000mAh discharge at 0.2C<br><br>ta:20°C; EV(Discharge End Voltage): 5.5V                |
| Innenwiderstand/<br>impedance                                | : < 120mOhm (battery and safetyboard)                                                                                             |
| Nominalspannung/<br>nominal voltage                          | : 7.4V                                                                                                                            |
| Standard Ladespannung/<br>standard charge voltage            | : 8.4V±1%                                                                                                                         |
| Nominaler Ladestrom/<br>nominal charge current               | : 0.5C                                                                                                                            |
| Maximaler Ladestrom/<br>max. charge current                  | : 1C                                                                                                                              |
| Ladeendstrom/<br>charge end current                          | : 0.01C recommended                                                                                                               |
| Anwendungstemperaturbereich/<br>ambient temperature range    | : 0°C...+45°C charge<br>-20°C...+60°C discharge<br>-20°C...+30°C storage max. 1 year                                              |
| Standards/                                                   | : UN 3480, Subsection 38.3<br>All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3 |
| Abschaltspannung/<br>over charge voltage detection           | : 8.6V±50mV                                                                                                                       |
| Wiedereinschaltspannung/<br>over charge release voltage      | : 8.2V±100mV                                                                                                                      |
| Entladeabschaltspannung/<br>over discharge detection voltage | : 4.8V±100mV                                                                                                                      |
| Wiedereinschaltspannung/<br>over discharge release voltage   | : 6V±100mV                                                                                                                        |
| Nominaler Entladestrom/<br>nominal discharge current         | : 5A continuous                                                                                                                   |
| Entlade Abschaltstrom/<br>discharge cut off current          | : 13A± 3A                                                                                                                         |
| Kurzschlusschutz/<br>short circuit protection                | : gegen äußeren Kurzschluss/<br>against external short circuit                                                                    |
| Rückstellkriterium/<br>release condition                     | : Last trennen, Aktiv nach Anladen/<br>cut load, release after charging up                                                        |
| Standards                                                    | : CE                                                                                                                              |



|                                                                                  |                                         |                        |                                                              |                                  |
|----------------------------------------------------------------------------------|-----------------------------------------|------------------------|--------------------------------------------------------------|----------------------------------|
| Verwendungsbereich/Application range<br>für Anfrage/for inquiry AN-IS-2012-00431 | Zul. Abweichung/<br>Allowable deviation | Oberfläche/<br>Surface | Maßstab/Scale (DIN A2): 1:1                                  | Gewicht/Weight                   |
|                                                                                  | Allgemeintoleranz<br>DIN ISO 2768-m     |                        | Werkstoff/Work material, Modell-Nr.                          |                                  |
|                                                                                  | 2013                                    | Datum/Date Name        | Zeichnungsname/Drawing name                                  |                                  |
|                                                                                  | Erstellt/<br>Drawn by                   | 23.10. JE              | Li-Ion Battery 7.4V 5200mAh<br>with safetyboard              |                                  |
|                                                                                  |                                         |                        | Zeichnungsnummer/Drawing number<br>Artikelnummer/Part number |                                  |
|                                                                                  |                                         |                        | 2447-3043-01                                                 |                                  |
|                                                                                  |                                         |                        | Blatt/<br>Sheet                                              |                                  |
|                                                                                  |                                         |                        | 1                                                            |                                  |
| VO                                                                               | ---                                     | XX.XX.XX JE            | ANS-MANN                                                     |                                  |
| Version                                                                          | Änderung/Change                         | Datum/Date Name        | Ursprung/Origin Proj. IS-2012-00431                          | Ersatz für/Replaced by           |
|                                                                                  |                                         |                        |                                                              | Ersatz durch/Replacement through |