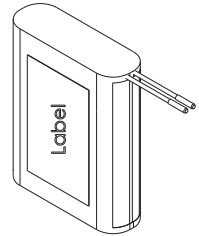
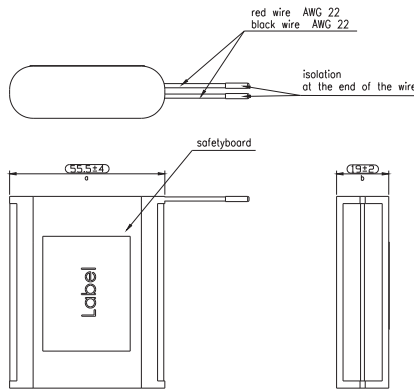


Technische Daten/
 technical data : Akkupack/
 battery pack
 Chemie/
 chemistry : Lithium Ion
 Zellenzahl/
 no. of cells : 3 Zellen/ cells INR18650 M26 LG ; 1S3P
 Kapazität/
 capacity : nom. 7800mAh discharge at 0.2C
 min. 7500mAh discharge at 0.2C
 Ia:20°C; EV(Discharge End Voltage): 2.75V per cell
 Innenwiderstand/
 impedance : < 70mOhm (battery and safetyboard)
 Nominalspannung/
 nominal voltage : 3.6V
 Standard Ladespannung/
 standard charge voltage : 4.2V±1%
 Standard Entladespannung/
 standard discharge voltage : 2.75V
 Nomineller Ladestrom/
 nominal charge current : 3000mA (limited by safetyboard)
 Maximaler Ladestrom/
 maximum charge current : 3000mA (limited by safetyboard)
 Ladeendstrom/
 charge end current : 0.01C recommended
 Maximaler Entladesstrom/
 maximum discharge current : 3000mA (limited by safetyboard)
 Anwendungstemperaturbereich/
 ambient temperature range : 0°C...+45°C charge
 -20°C...+60°C discharge
 -20°C...+20°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 battery packs type tested according
 to UN manual of test and criteria subsection 38.3
 Technische Daten/
 technical data : Sicherheitsschaltung/
 safety board
 Überladeschutzspannung/
 over charge voltage detection : 4.325V±0.05V per cell
 Wiedereinschaltspannung/
 over charge release voltage : 4.075V±0.1V per cell
 Entladeabschaltspannung/
 over discharge detection voltage : 2.5V±0.1V per cell
 Wiedereinschaltspannung/
 over discharge release voltage : 2.9V±0.1V per cell
 Nomineller Lade/Entladestrom/
 nominal operating current : 3A
 Entlade Abschaltstrom/
 discharge cut off current : 8.5A± 2A
 Kurzschlusschutz/
 short circuit protection : gegen äußeren Kurzschluss/
 against external short circuit
 Temperaturschalter/
 temperature switch : PTC : JK-P450 20V/4.5A at 25°C; 3.9A at 40°C
 MOSFET : in Masse
 in Gnd
 Rückstellkriterium/
 release condition : Last trennen, Aktiv nach Anladen/
 cut load, release after charging up
 Nettogewicht/
 net weight : 140g
 Leiterplattenmaterial/
 pcb material : FR4
 Standards : CE, UKCA



battery pack covered with 1 layer of blue shrinktube

Part Number	SAP Description
2447-3034-03	Li-Ion-3.6V-7800mAh-1S3P-M26
2447-3034-203	Li-Ion-3.6V-7800mAh-1S3P-M26/UK

Allowable deviation general tolerances DIN ISO 2768-m	Surface: Material: Scale (DIN A2): 1:1 Projection method: 1st angle	Weight L
Drawn by 22.12.2019	Checked by MS	
Version	Change	Date
V4	standards updated	01.06.2020 DS
V3	change request 05-30-2019	11.02.2020 MS
V2	electrical values changed	20.07.2019 MS
V1	part number overview added	15.04.2019 DS
Application range for inquiry		Sheet 1/1



Product name:
Li-Ion-3.6V-7800mAh-1S3P-M26
 Part number: **2447-3034-X03**
 Project: **IS-00426**
 Application range for inquiry: **AN-1S-2013-00426**