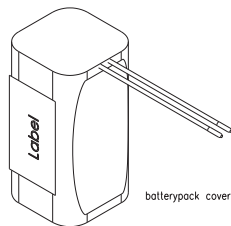
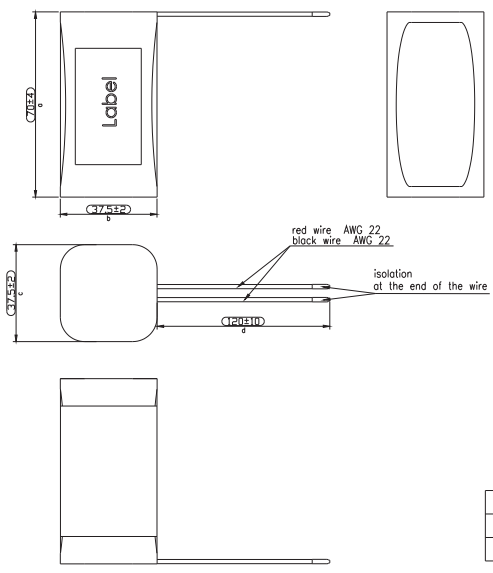


This drawing is a technical drawing and is not a photograph. It is not to be used for manufacturing purposes without the approval of the responsible person. The drawing is the property of the company and is not to be distributed outside the company.

Technische Daten/ technical data	: Akkupack/ battery pack
Chemie/ chemistry	: Lithium Ion
Zellenanzahl/ no. of cells	: 4 Zellen/ cells ; 2S2P
Zellentyp/ cell type	: INR18650 M26 LG
Kapazität/ capacity	: nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C to 20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	: < 100mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	: 7.2V
Standard Ladespannung/ standard charge voltage	: 8.4V±1%
Standard Entladespannung/ standard discharge voltage	: 5.5V
Nominaler Ladestrom/ nominal charge current	: 0.5C
Maximaler Ladestrom/ maximum charge current	: 5000mA (limited by safetyboard)
Ladeendstrom/ charge end current	: 0.01C recommended
Maximaler Entladestrom/ maximum discharge current	: 5000mA (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 at 20°C ≤ 10% / month at 30°C ≤ 20% / month at 40°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	: 4.3V±25mV per cell
Wiedereinschaltspannung/ over charge release voltage	: 4.1V±50mV per cell
Entladeabschaltspannung/ over discharge detection voltage	: 2.4V±50mV per cell
Wiedereinschaltspannung/ over discharge release voltage	: 3.0V±100mV per cell
Nominaler Lade/Entladestrom/ nominal operating current	: 5A
Entlade Abschaltstrom/ discharge cut off current	: 13A± 3A
Kurzschlusschutz/ short circuit protection	: gegen äußeren Kurzschluss/ against external short circuit
Temperaturschalter/ temperature switch	: PTC: JK-P730 20V/ 7.3A at 25°C ; 6.2A 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	: 196g
Leiterplattenmaterial/ pcb material	: FR4
Standards	: CE, UKCA



batterypack covered with 2 layers of blue shrinktube



Part Number	SAP Description
2447-3049-02	Li-Ion-7.2V-5200mAh-2S2P-Block-M26
2447-3049-202	Li-Ion-7.2V-5200mAh-2S2P-Block-M26/UK

Allowable deviation general tolerances	Surface:	Material:	Weight
DIN ISO 2768-m		Scale (DIN A2): 1:1	1
Drawn by: 22.12.2019	Date:	Projection method:	
Checked by:	Name:	Product name:	
		Li-Ion-7.2V-5200mAh-2S2P-Block-M26	
V4 standards updated	15/03/2019	DS	
V3 corrected the label direction	18/06/2019	KJ	
V2 charge request: DE-20-2013	24/03/2019	MS	
V1 part number overview added	15/03/2019	DS	
Version Change	Date	Name	
	13	14	

Part number:	Project:
2447-3049-X02	IS-00430
Application range for inquiry	IS-2013-00430