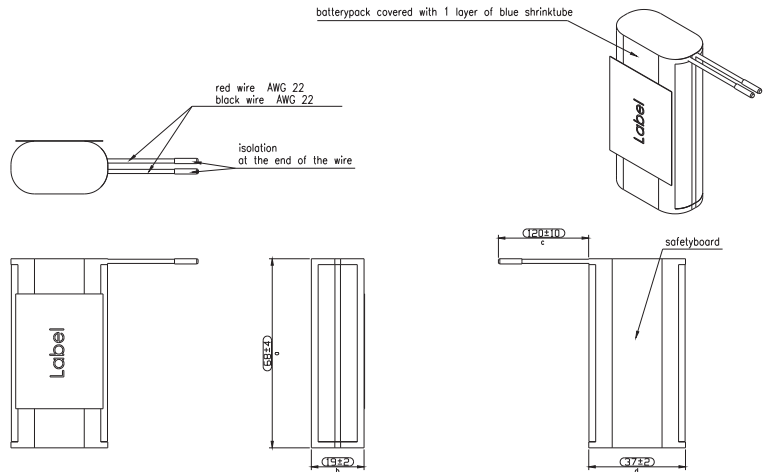


Technische Daten/ technical data	: Akkupack/ battery pack
Chemie/ chemistry	: Lithium Ion
Zellenanzahl/ no. of cells	: 2 Zellen/ cells INR18650 M26 LG ; 1S2P
Kapazität/ capacity	: nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C Ia:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	: < 80mOhm (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	: 0.5C
Maximaler Ladestrom/ maximum charge current	: 3000mA (limited by safetyboard)
Ladeendstrom/ charge end current	: 0.01C recommended
Maximaler Entladestrom/ 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 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	: 4.325V±50mV per cell
Wiedereinschaltspannung/ over charge release voltage	: 4.075V±100mV per cell
Entladeabschaltspannung/ over discharge detection voltage	: 2.5V±100mV per cell
Wiedereinschaltspannung/ over discharge release voltage	: 2.9V±100mV 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	: ca./ approx. 100g
Leiterplattenmaterial/ pcb material	: FR4
Standards	: CE, UKCA



Part Number	SAP Description
2447-3033-02	Li-Ion-3.6V-5200mAh-1S2P-M26
2447-3033-202	Li-Ion-3.6V-5200mAh-1S2P-M26/UK

Allowable deviation general tolerances	Surface:	Material:	Weight
DIN ISO 2768-m		Scale (DIN A2): 1:1	1
Drawn by: 22.12.19	Date: MEI	Projection method:	
Changed by:		Product name:	
		Part number: 2447-3033-X02	Project: IS-00425
V3 standards updated: 01.06.2017 DS			
V2 changed request: DE-20-2013 24.03.2007 MSB			
V1 part number overview added: 15.04.2016 DS			
Version Change	Date	Name	Sheet
	13		1/1

