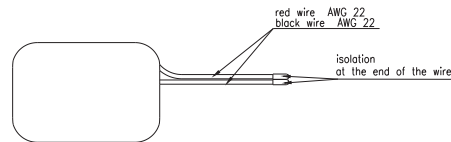
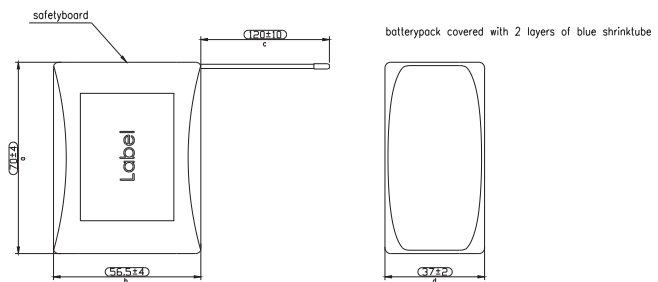


Technische Daten/ technical data	: Akkupack/ battery pack
Chemie/ chemistry	: Lithium Ion
Zellenzahl/ no. of cells	: 6 Zellen/ cells : 3S2P
Zellentyp cell type	: INR18650 M26 LG
Kapazität/ capacity	: nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	: < 120mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	: 10.8V
Standard Ladespannung/ standard charge voltage	: 12.6V±1%
Standard Entladespannung/ standard discharge voltage	: 8.25V
Maximaler Ladestrom/ maximum charge current	: 5A (limited by safety board)
Ladestrom/ charge end current	: 0.01C recommended
Maximaler Entladestrom/ maximum discharge current	: 5A (limited by safety board)
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
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	: 3V±100mV per cell
Entlade Abschaltstrom/ discharge cut off current	: 12A± 2A
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	: im Pluszweig in positive path
Rückstellkriterium/ release condition	: Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Nettogewicht/ net weight	: 280g
Standards	: CE, UKCA



Part Number	SAP Description
2447-3050-03	Li-Ion-10.8V-5200mAh-3S2P-M26
2447-3050-203	Li-Ion-10.8V-5200mAh-3S2P-M26/UK

Allowable deviation general tolerances	Surface:	Material:	Weight
DM ISO 2768-mS		Scale (DN A2): 1:1	1
Drawn by: 26.07.2019 Name: MBI	Product name:	<b>Li-Ion-10.8V-5200mAh-3S2P-M26</b>	
Changed by:	Part number:	2447-3050-X03	Project: IS-00429
V3 standards changed 09.01.2021 DS	Application range for inquiry	IS-2013-00429	Sheet 1/1
V2 change request: DE-29-2017 24.02.2020 MBI	<b>ANGMANN</b>		
V1 part number overview added 18.02.2019 DS			
Version Change	Date	Name	