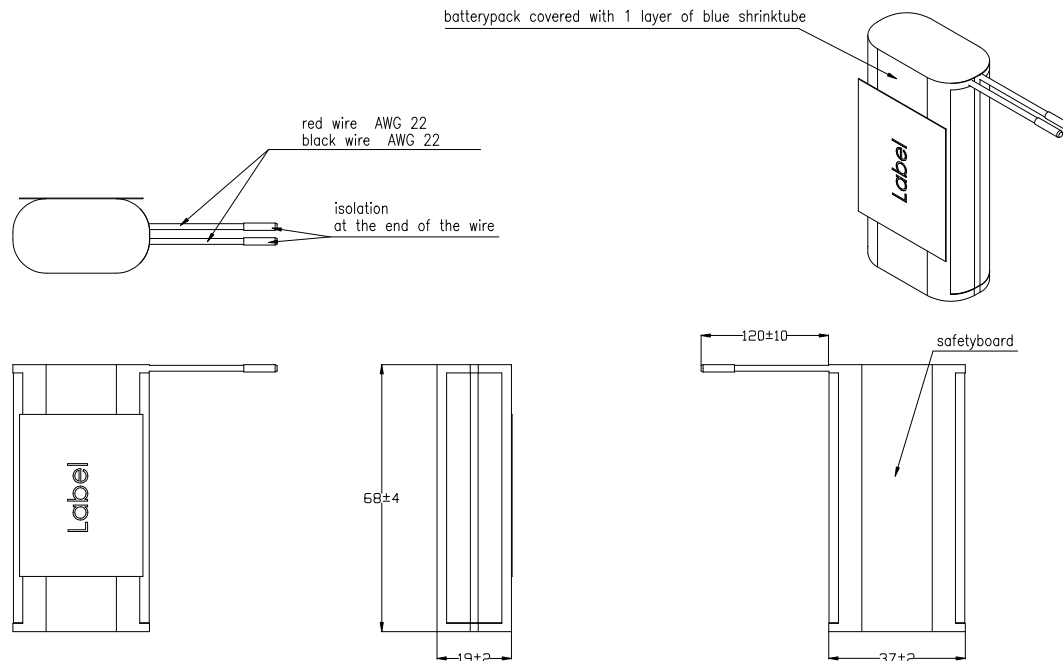


The supplier acknowledges that, with the acceptance of the drawing, he is liable to manufacture the illustrated part in accordance with the drawing, irrespective of the number of copies. The manufacturer is not liable for any deviations from the drawing, which may occur due to the manufacturing process or the use of the material. The manufacturer is not liable for any deviations from the drawing, which may occur due to the manufacturing process or the use of the material.

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Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	2 Zellen/ cells INR18650 M26 LG ; 1S2P
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	:	< 80m0hm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	3.6V
Standard Ladespannung/ standard charge voltage	:	4.2V±1%
Standard Entladespannung/ standard discharge voltage	:	2.75V
Nominale 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 at20°C ≤ 10% / month at30°C ≤ 20% / month at40°C
Standards/	:	UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3

Technische Daten/ technical data	:	Sicherheitschaltung/ safety board
Überladeschutzspannung/ over charge voltage detection	:	4.25V±25mV per cell
Wiedereinschaltspannung/ over charge release voltage	:	4.05V±50mV per cell
Entladeabschaltspannung/ over discharge detection voltage	:	2.5V±62mV per cell
Wiedereinschaltspannung/ over discharge release voltage	:	2.85V±250mV per cell
Nominale 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	:	---
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



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

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00425		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2019 Zeichner/ Drawn by	Datum/Date 25.01. MSt	Zeichnungsname/Drawing name Li-Ion Battery 3.6V 5200mAh with safetyboard	
V1	part number overview odded	15.04.19	DS	Zeichnungsnummer/Drawing number 2447-3033-XXX	
V0	----	XX.XX.XX	XX	Blatt/ Sheet 1	
Version		Änderung/Change		Datum/Date Name Ursprung/Origin Proj. IS-2013-00425	
		Ersatz für/Replaced by		Ersatz durch/Replaced through	