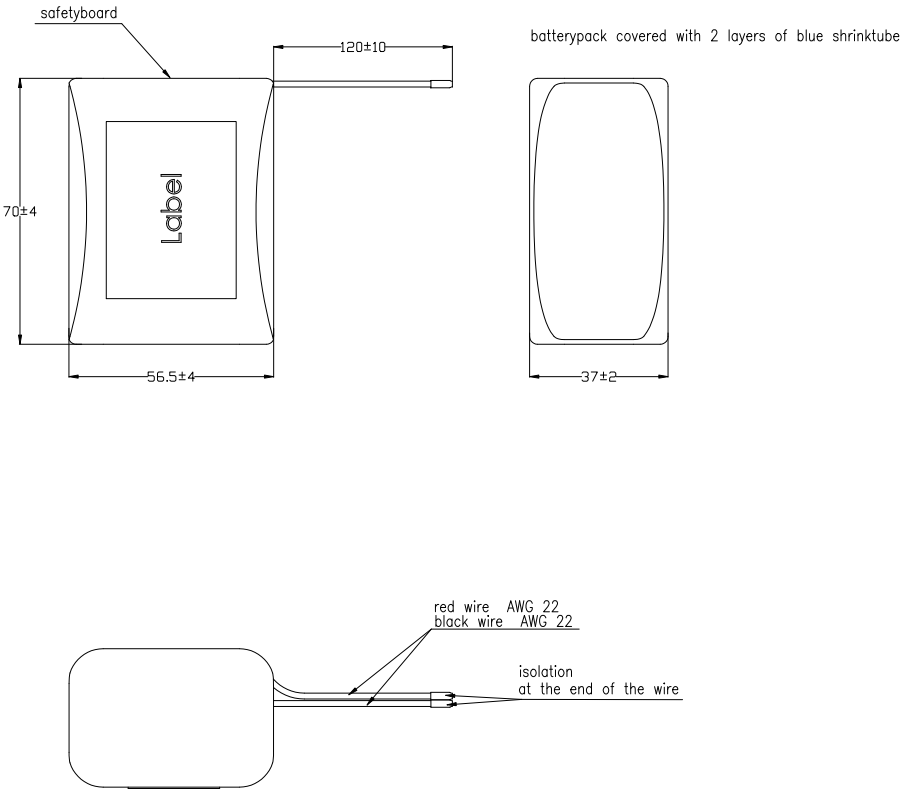


Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	6 Zellen/ cells ; 3S2P
Zellentyp cell type	:	INR18650 LGC B4
Kapazität/ capacity	:	nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C to:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 120mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	11.1V
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)
Ladeendstrom/ 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...+30°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
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
Temperaturumschalter/ temperature switch	:	---
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



Verwendungsbereich/Application range für Anfrage/for inquiry IS-2013-00429		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2013	Datum/Date	Name	Zeichnungsname/Drawing name
		Zeichn./ Drawn by	23.10.	JE	Li-Ion Battery 11.1V 5200mAh with safetyboard
V3	changed cell description	18.12.17	DS		
V2	values corrected	03.07.17	MSt		
V2	change request: DE-15-0022	15.01.16	MSt		
V1	technical data corrected	25.06.15	JH		
V1	values corrected	17.01.14	JE		
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00429	Ersatz für/Replaced by
				Ersatz durch/Replacement through	



Zeichnungsnummer/Drawing number	Blatt/ Sheet
Artikelnummer/Part number	1
2447-3050-01	