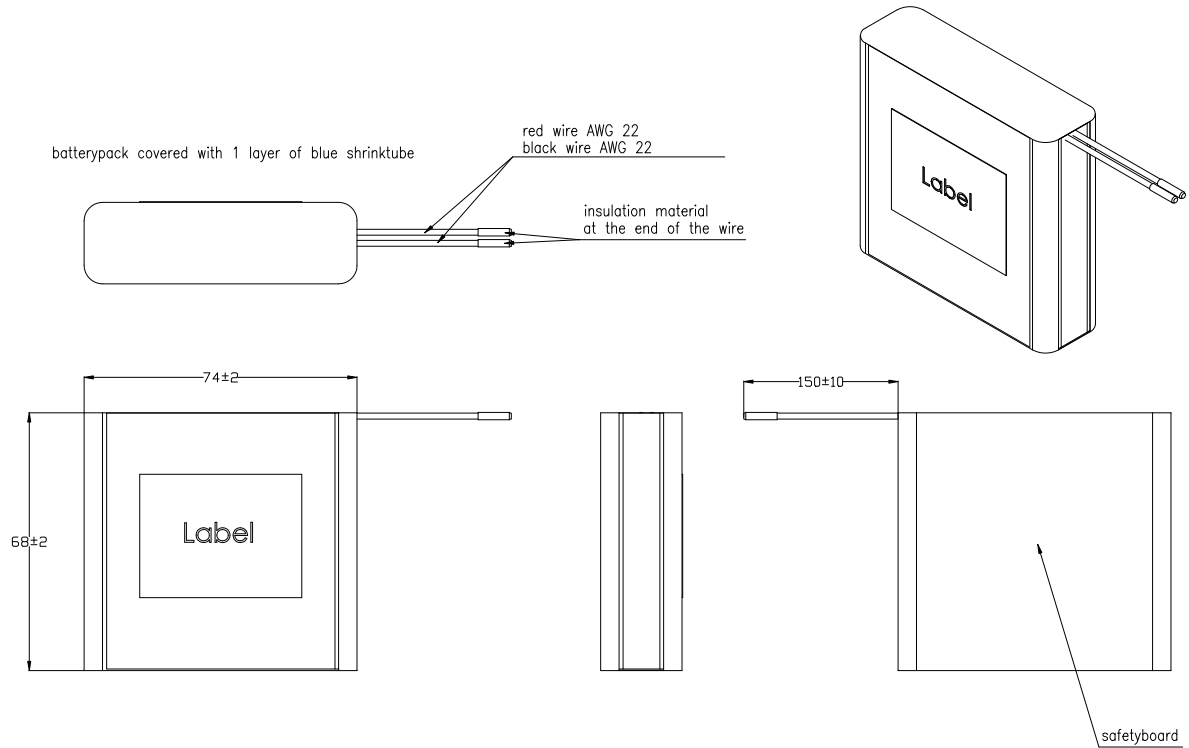


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Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells INR18650 M26 LG ; 4S1P
Kapazität/ capacity	:	nom. 2600mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 320m0hm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	14.4V
Standard Ladespannung/ standard charge voltage	:	16.8V±1%
Standard Entladespannung/ standard discharge voltage	:	11V
Nominaler Ladestrom/ nominal charge current	:	0.5C
Maximaler Ladestrom/ maximum charge current	:	1C
Ladeendstrom/ charge end current	:	0.01C recommended
Maximaler Entladestrom/ maximum discharge current	:	4000mA (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

Überladeschutzspannung/ over charge voltage detection	:	4.325V±75mV 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
Nominaler Lade/Entladestrom/ nominal operating current	:	4A
Entlade Abschaltstrom/ discharge cut off current	:	15A± 5A
Kurzschlusschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Temperaturschalter/ 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	:	190g
Leiterplattenmaterial/ pcb material	:	FR4
Standards	:	CE



Part Number	SAP Description
2447-3032-03	Li-Ion-14.4V-2600mAh-4S1P-M26
2447-3032-203	Li-Ion-14.4V-2600mAh-1S1P/UK

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00424				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	Datum/Date	Name	Zeichnungsname/Drawing name
				Zeichner/ Drawn by	29.01.	MSt	Li-Ion Battery 14.4V 2600mAh with safetyboard
V1	part number overview odder	15.04.19	DS			Zeichnungsnummer/Drawing number	
V0	----	XX.XX.XX	XX			Artikelnummer/Part number	
Version				Ursprung/Origin Proj. IS-2013-00424		Ersatz für/Replaced by	
Änderung/Change				Datum/Date		Ersatz durch/Replacement through	