

Technische Daten/ technical data	: Akkupack/ battery pack
Chemie/ chemistry	: Lithium Ion
Zellenzahl/ no. of cells	: 4 Zellen/ cells ; 2S2P
Zellentyp/ cell type	: INR18650 LGC MJ1
Kapazität/ capacity	: nom. 6900mAh discharge at 0.2C min. 6800mAh discharge at 0.2C ta:20°C, EV(Discharge End Voltage): 2.5V per cell

Innenwiderstand/ impedance	: < 120m0hm (battery and safetyboard)
Nominalspannung/ nominal voltage	: 7.4V
Standard Ladespannung/ standard charge voltage	: 8.4V±1%
Standard Entladespannung/ standard discharge voltage	: 5.0V
Nominaler Ladestrom/ nominal charge current	: 0.5C
Maximaler Ladestrom/ maximum charge current	: 5000mA (limited by safetyboard)
Ladeendstrom/ charge end current	: 0.01C recommended
Maximaler Entldestrom/ maximum discharge current	: 5000mA (limited by safetyboard)
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

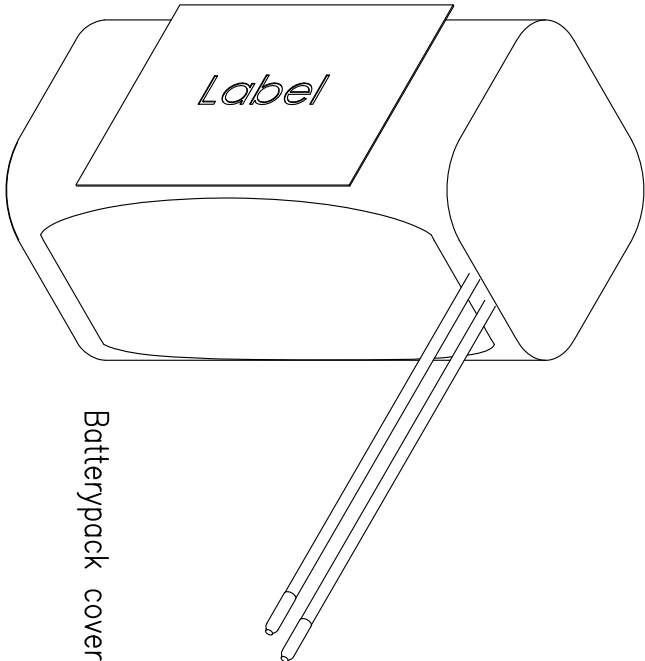
Selbstentladung/ self discharge	: ≤ 5% / month at20°C ≤ 10% / month at30°C ≤ 20% / month at40°C
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Standards/ technical data	: UN 3480, Subsection 38.3 All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3
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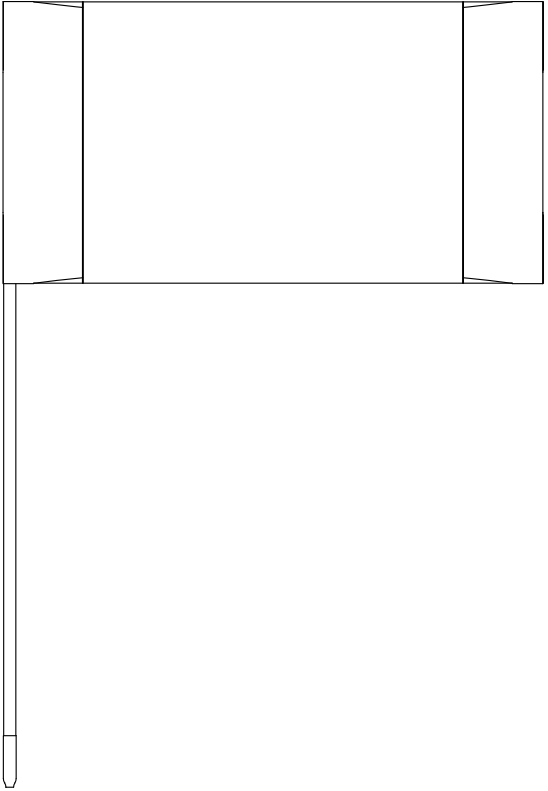
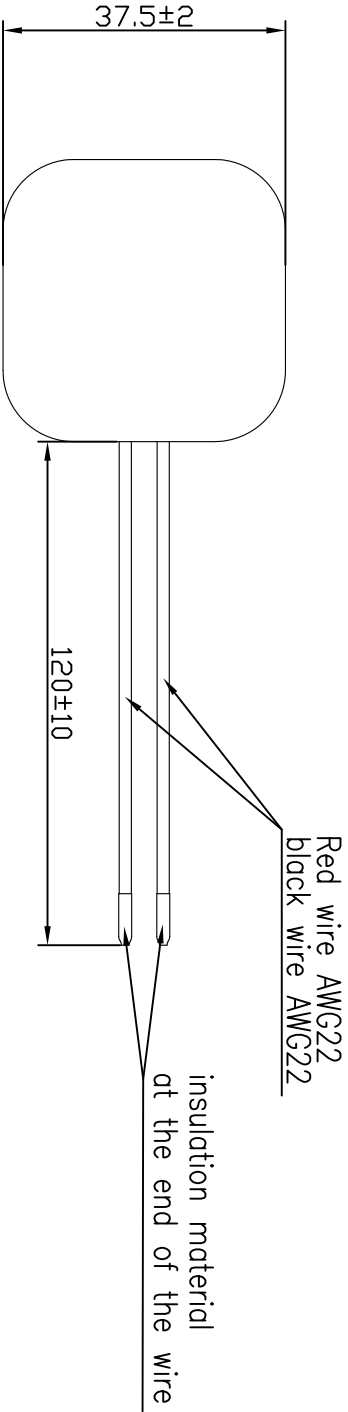
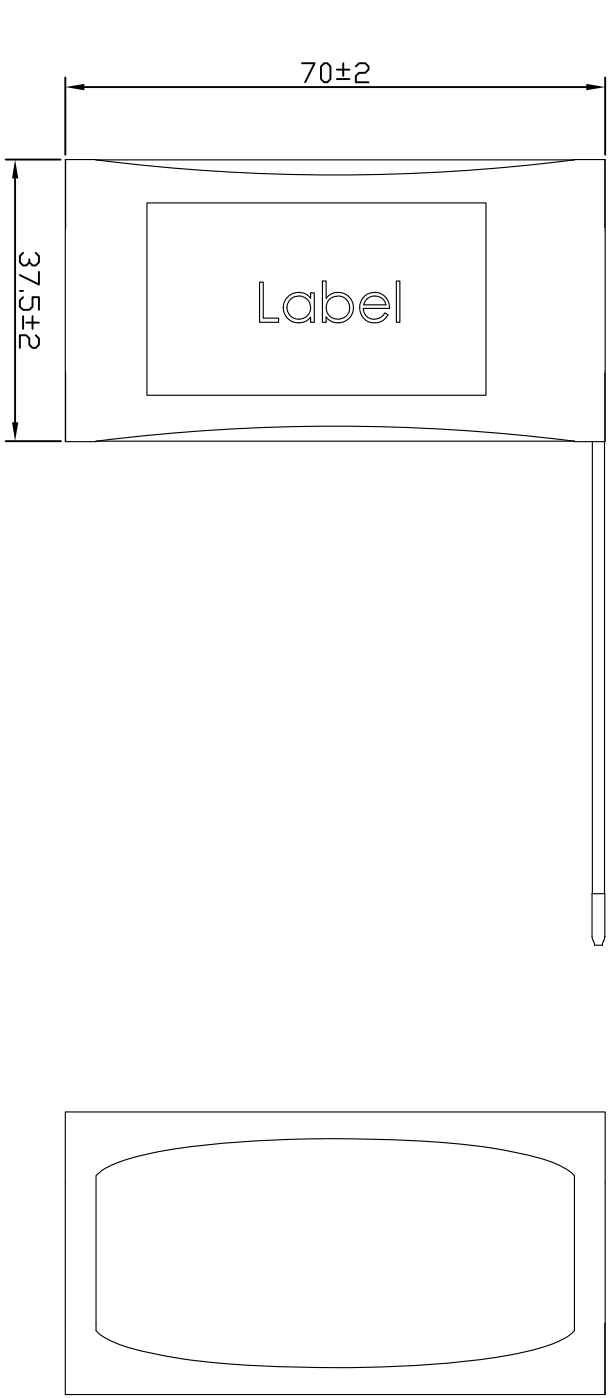
Technische Daten/ technical data	: Sicherheitsschaltung/ safety board (0180–3029)
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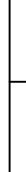
Überladeschutzspannung/ over charge voltage detection	: 4.3V±25mV per cell
Wiedereinschaltspannung/ over charge release voltage	: 4.1V±50mV per cell
Entladedbschaltspannung/ over discharge detection voltage	: 2.4V±50mV per cell
Wiedereinschaltspannung/ over discharge release voltage	: 3.0V±100mV per cell
Nominaler Lade/Entladesstrom/ nominal operating current	: 5A
Entlade Abschaltstrom/ discharge cut off current	: 13A± 3A
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	: in Masse in Gnd

Rückstellkriterium/ release condition	: Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Leiterplattenmaterial/ pcb material	: FR4
Nettogewicht/ net weight	: 196g
Standards	: CE



Battery pack covered with 2 layers of blue shrinktube



Verwendungsbereich/Application range für Anfrage/for inquiry :IS-2016-01263				Zul. Abweichung/ Allowable deviation		Oberfläche/ Surface		Maßstab/Scale (DIN A2): 1:1		Gewicht/Weight	
				Allgemeintoleranz DIN ISO 2768-m				Werkstoff/Work material, Modell-Nr.			
				2016	Datum/Date	Name		Zeichnungsname/Drawing name			
				Erstellt/ Drawn by	12.10.	JX		Li-Ion-7.4V-6900mAh-2s2p-block-PTC/LG with safetyboard			
								Zeichnungsnummer/Drawing number			
								Artnummer/Part number			
								2447-3049-20			
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2016-01263				Ersatz für/Replaced by		Ersatz durch/Replaced through	
V0	created this D/S	12.10.16	JX								