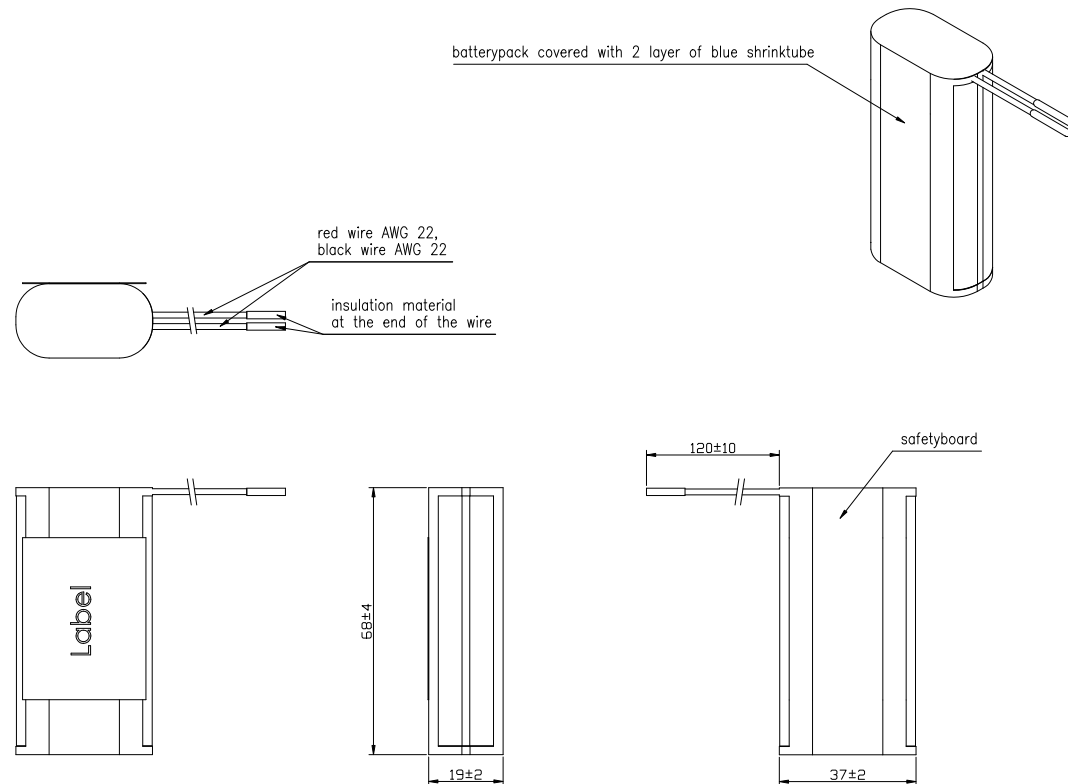


The supplier acknowledges that, with the acceptance of the drawing, he is liable to manufacture the described part in accordance with the drawing, irrespective of the number of the drawing. The manufacturer shall be responsible for the correct interpretation of the drawing. The manufacturer shall be responsible for the correct interpretation of the drawing. The manufacturer shall be responsible for the correct interpretation of the drawing.

This drawing may be used, reproduced or made available in any form without the written or prior written approval of the manufacturer.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	2 Zellen/ cells INR18650 LGC MJ1 ; 1S2P
Kapazität/ capacity	:	nom. 7000mAh discharge at 0.2C min. 6700mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.5V per cell
Innenwiderstand/ impedance	:	< 100m0hm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	3.635V
Standard Ladespannung/ standard charge voltage	:	4.2V±1%
Standard Entladespannung/ standard discharge voltage	:	2.5V
Nominaler Ladestrom/ nominal charge current	:	3000mA (limited by safetyboard)
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	:	Sicherheitsschaltung/ safety board (0180-3202)
Überladeschutzspannung/ over charge voltage detection	:	4.325V±0.05V per cell
Wiedereinschaltspannung/ over charge release voltage	:	4.075V±0.1V per cell
Entladeabschaltspannung/ over discharge detection voltage	:	2.5V±0.1V per cell
Wiedereinschaltspannung/ over discharge release voltage	:	2.9V±0.1V per cell
Nominaler 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	:	PTC : JK-P450 20W/4.5A at 25°C; 3.9A at 40°C
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



Verwendungsbereich/Application range für Anfrage/for inquiry		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	
		Zeichner/ Drawn by	07.11.	JX	Li-Ion-3.7V-7000mAh-1s2p-PTC/LG with safetyboard
V1	change request DE-17-0071	06.11.17	DS	Zeichnungsnummer/Drawing number	
V1	capacity updated according to LG D/S	20.12.16	JX	Artikelnummer/Part number	
V0	created this D/S	07.11.16	JX	2447-3033-20	
Version	Anderung/Change	Datum/Date	Name	Ursprung/Origin	Proj. IS-01263
				Ersatz für/Replaced by	Ersatz durch/Replacement through

