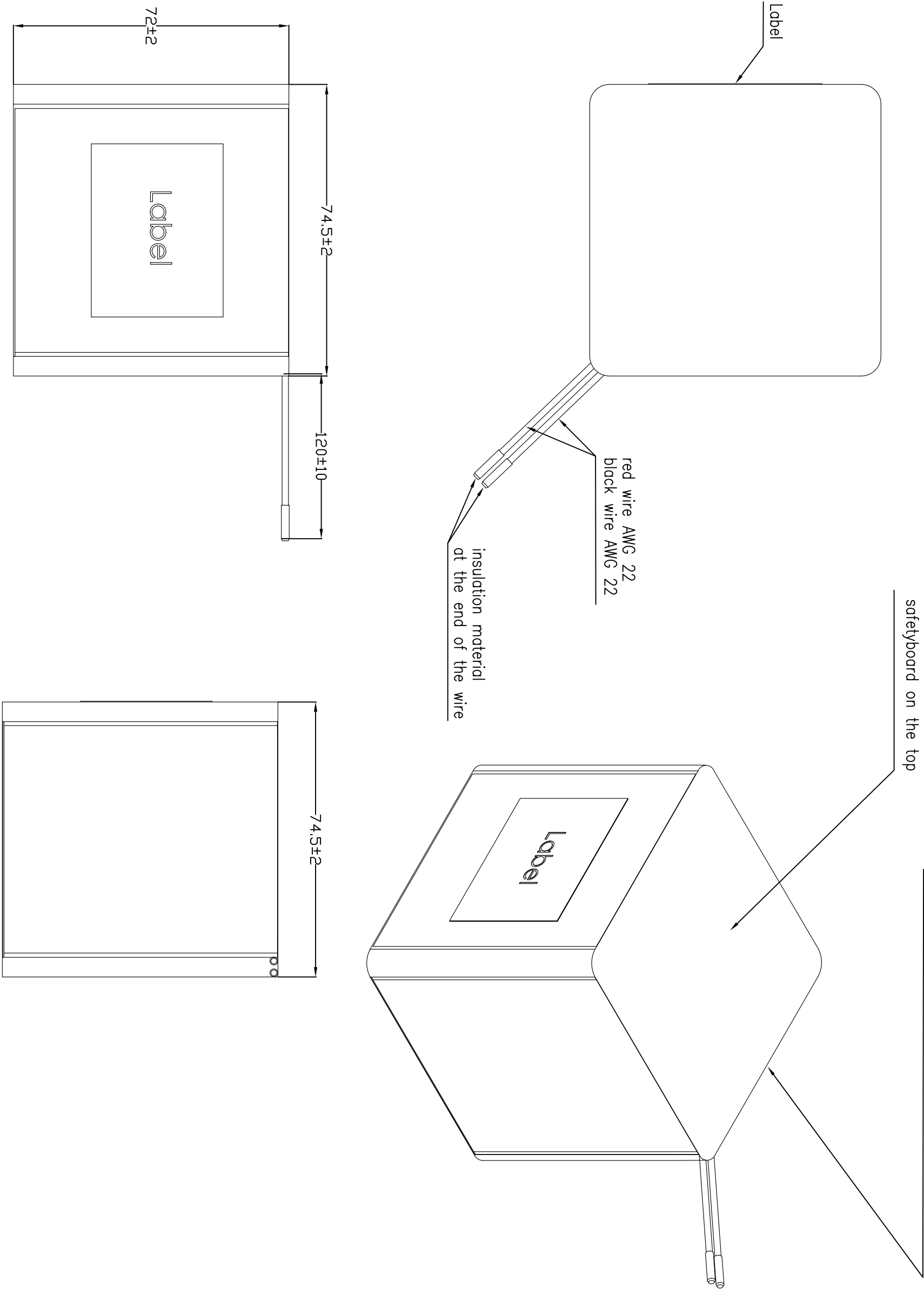


The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible form and series production. Through the selected manufacturing processes no impairments will arise in the material and structure which could subsequently lead to an impairment of the component. Verbal agreements over and above that are not valid. Deviations from this rule must be written and must be signed by the purchaser.

Technische Daten/ technical data	: Akkupack/ battery pack
Chemie/ chemistry	: Lithium Ion
Zellenzahl/ no. of cells	: 16 Zellen/ cells ; 4S4P
Zellentyp/ cell type	: INR18650 LGC MJ1
Kapazität/ capacity	: nom. 1380mAh discharge at 0.2C min. 1360mAh discharge at 0.2C to:20°C; EV(Discharge End Voltage): 2.5V per cell
Innenwiderstand/ impedance	: < 160m0hm (battery and safetyboard)
Nominalspannung/ nominal voltage	: 14.8V
Standard Ladespannung/ standard charge voltage	: 16.8V±1%
Standard Entladespannung/ standard discharge voltage	: 10V
Nominaler Ladestrom/ nominal charge current	: 4000mA (limited by safetyboard)
Maximaler Ladestrom/ maximum charge current	: 4000mA (limited by safetyboard)
Ladestrom/ charge end current	: 0.01C recommended
Maximaler Entldestrom/ maximum discharge current	: 4000mA (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
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

Technische Daten/ technical data	: Sicherheitsschaltung/ safety board (0180-3199)
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
Nominaler Lade/Entldestrom/ 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	: PTC : JK-P600 20V/6A at 25°C; 5.2A at 40°C
MOSFET	: im Pluszweig/ in positive path
Rückstellkriterium/ release condition	: Last trennen, Aktiv nach Aufladen/ cut load, release after charging up
Nettogewicht/ net weight	: approx 776.4g
Leiterplattenmaterial/ pcb material	: FR4
Standards	: CE



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 Erstellt/ Drawn by	Datum/Date Name 29.09.	Zeichnungsname/Drawing name Li-Ion-14.8V-1380mAh-4s4p-block-PTC/LG with safetyboard	
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