

Technische Daten/
technical data : Akkupack/
battery pack
Chemie/
chemistry : Lithium Ion
Zellenzahl/
no. of cells : 3 Zellen/ cells ; 1S3P
Zellentyp/
cell type : INR18650 LGC MJ1
Kapazität/
capacity : nom. 10350mAh discharge at 0.2C
min. 10200mAh discharge at 0.2C
ta:20°C; EV(Discharge End Voltage): 2.5V per cell

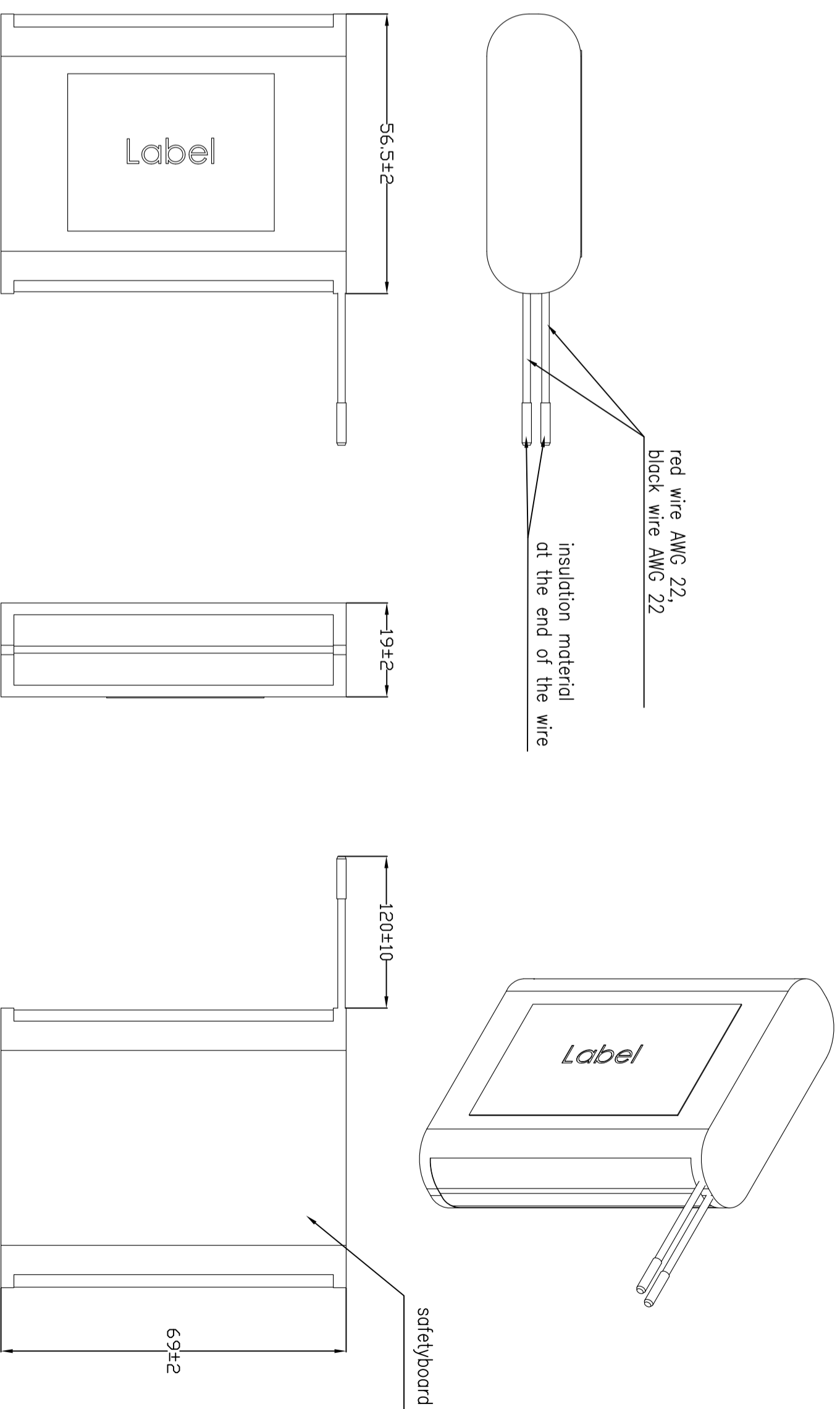
Innenwiderstand/
impedance : < 100mOhm (battery and safetyboard)
Nominalspannung/
nominal voltage : 3.7V
Standard Ladespannung/
standard charge voltage : 4.2V±1%
Standard Entladespannung/
standard discharge voltage : 2.5V
Nominaler Ladestrom/
nominal charge current : 3000mA (limited by safetyboard)
Maximaler Ladestrom/
maximum charge current : 3000mA (limited by safetyboard)
Ladeendstrom/
charge end current : 0.01C recommended
Maximaler Entladesstrom/
maximum discharge current : 3000mA (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/
 : 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 (0180-3202)

Überladeschutzspannung/
over charge voltage detection : 4.325V±0.05V per cell
Wiedereinschaltspannung/
over charge release voltage : 4.075V±0.1V per cell
Entladeschutzspannung/
over discharge detection voltage : 2.5V±0.1V per cell
Wiedereinschaltspannung/
over discharge release voltage : 2.9V±0.1V per cell
Nominaler Lade/Entladesstrom/
nominal operating current : 3A
Entlade Abschaltstrom/
discharge cut off current : 8.5A± 2A
Kurzschlusschutz/
short circuit protection : gegen äußeren Kurzschluss/
against external short circuit
Temperaturerhalter/
temperature switch : PTC : JK-P450 20V/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
Leiterplattenmaterial/
pcb material : FR4
Nettogewicht/
net weight : 148.4g
Standards : CE



battery pack covered with 2 layers of blue shrinkklube

Verwendungsbereich/Application range		Zul. Abweichung/ Allowable deviation		Oberfläche/ Surface		Maßstab/Scale (DIN A2): 1:1		Gewicht/Weight	
Für Anfrage/for inquiry IS-2016-01263		Allgemeintoleranz DIN ISO 2768-m		2016 Datum/Date Name JK		Li-Ion-3.7V-10350mAh-1S3P-PTC/LG with safetyboard		Zeichnungsnummer/Drawing number 2447-3034-20	
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin	Proj. IS-2016-01263	Ersatz für/Replaced by	Ersatz durch/Replaced through	Blatt/ Sheet	1
VO	created this D/S	07.11.16	JK						

