

The upper annotations that, with the acceptance of this drawing, are in addition to what is stated in accordance with the drawing in reproducible form in the drawing. The lower annotations that, with the acceptance of this drawing, are in addition to what is stated in accordance with the drawing in reproducible form in the drawing. The upper annotations that, with the acceptance of this drawing, are in addition to what is stated in accordance with the drawing in reproducible form in the drawing.

Technische Daten/
technical data : Akkupack/
batterypack

Chemie/
chemistry : Lithium Ion

Zellenzahl/
no. of cells : 3 Zellen/ cells ICR18650 LGC B4 ; 3S1P

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 : < 240mOhm (battery and safetyboard)

Nominalspannung/
nominal voltage : 11.1V

Standard Ladespannung/
standard charge voltage : 12.6V±1%

Standard Entladespannung/
standard discharge voltage : 8.25V

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 : 5A (limited by safety board)

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 batterypacks type tested according to UN manual of test and criteria subsection 38.3

Technische Daten/
technical data : Sicherheitsschaltung/
safety board

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/Entladestrom /
nominal operating current : 5A

Entlade Abschaltstrom/
discharge cut off current : 12A± 2A

Kurzschlusschutz/
short circuit protection : gegen äußeren Kurzschluss/
against external short circuit

Temperaturumschalter/
temperature switch : ---

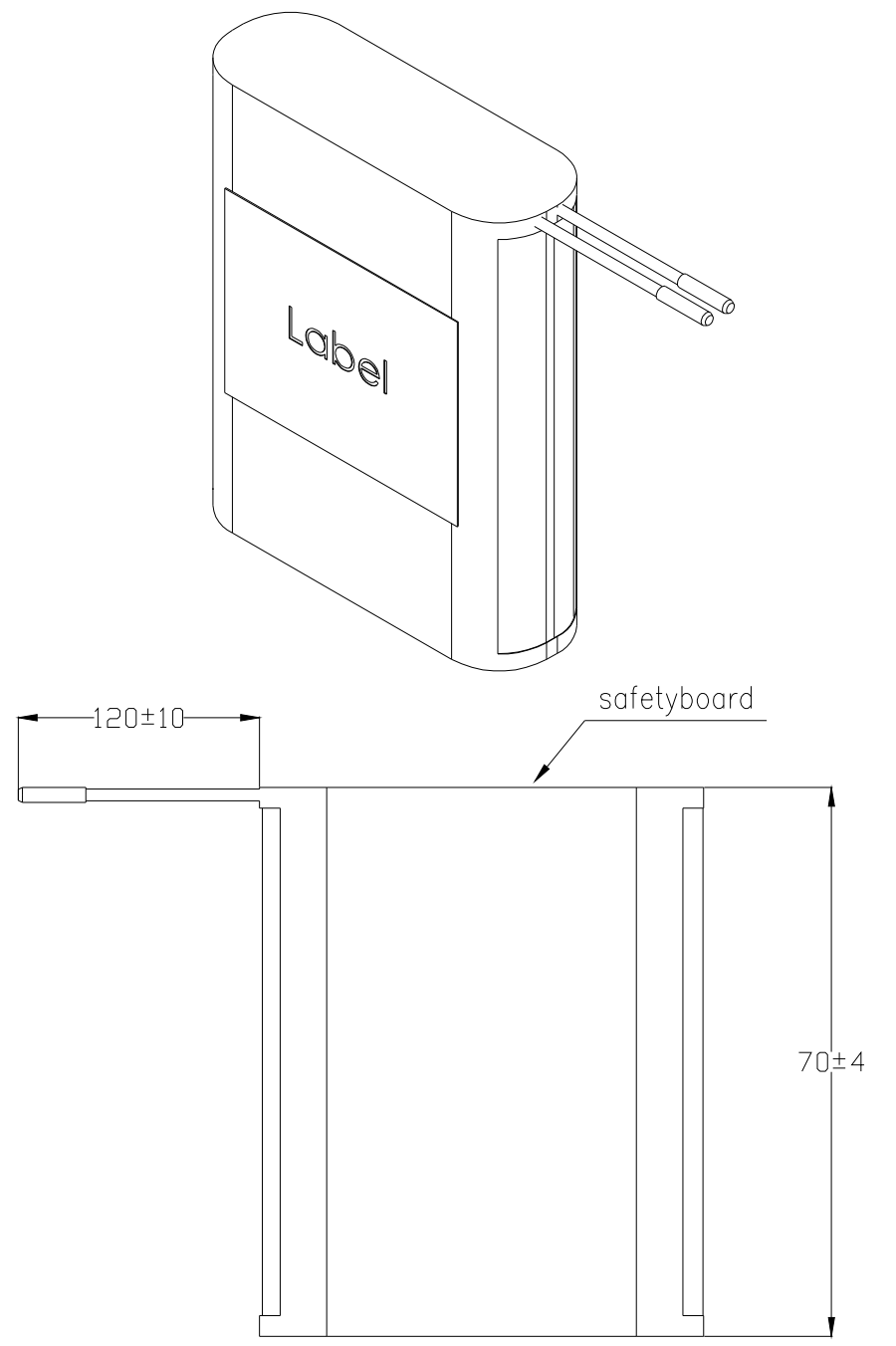
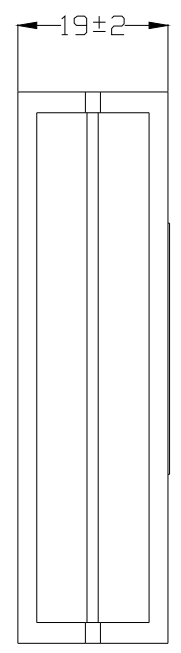
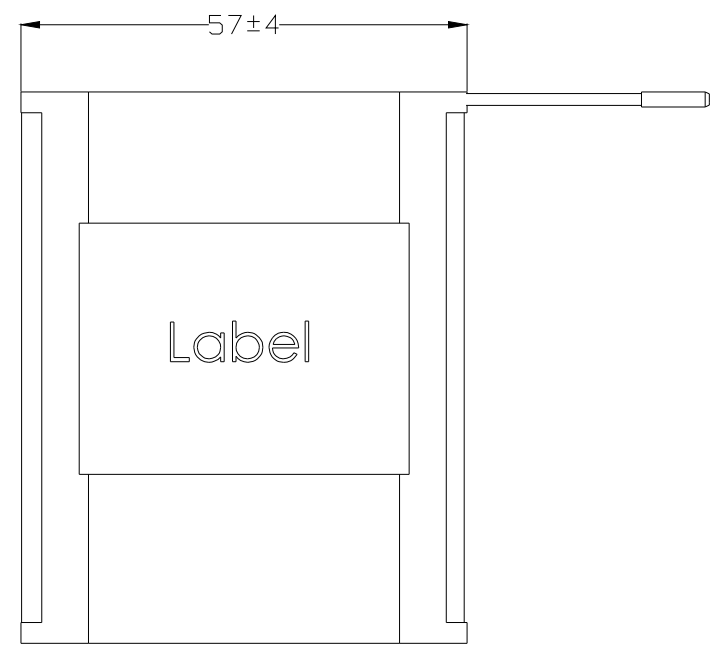
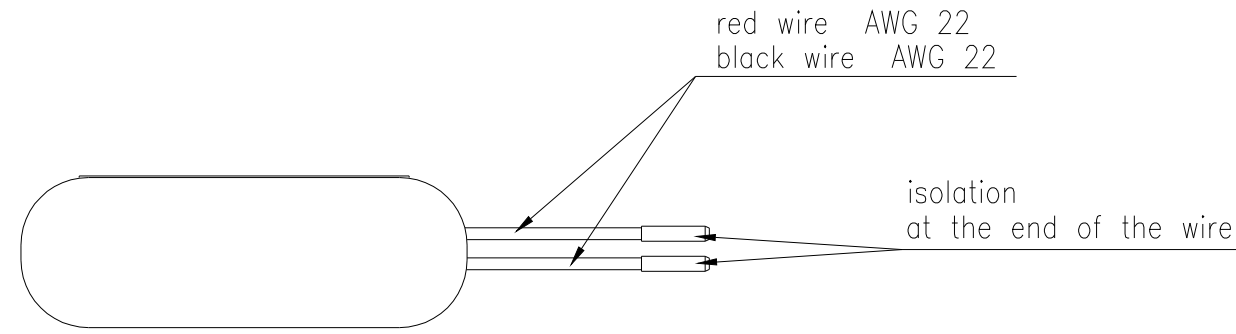
MOSFET : im Pluszweig
in positive path

Rückstellkriterium/
release condition : Last trennen, Aktiv nach Anladen/
cut load, release after charging up

Nettogewicht/
net weight : 145g

Leiterplattenmaterial/
pcb material : FR4

Standards : CE



batterypack covered with 1 layer of blue shrinktube

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00423		Zut. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2013	Datum/Date Name	Zeichnungsname/Drawing name	
		Erstellt/ Drawn by	23.10.	JE	Li-Ion Battery 11.1V 2600mAh with safetyboard
		Zeichnungsnummer/Drawing number Artikelnummer/Part number			Blatt/ Sheet
		2447-3031-01			1
V1	values corrected	03.07.17	MST	ANSMANN	
V1	change request: DE-15-0022	15.01.16	MST		
Version	Anderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00423	Ersatz für/Replaced by
				Ersatz durch/Replacement through	