

The supplier acknowledges that, with the acceptance of the drawing, he is obliged to manufacture the illustrated part in accordance with the drawing in accordance with the requirements of the customer. The customer is not responsible for any damage caused by the use of the drawing. The customer is not responsible for any damage caused by the use of the drawing.

Technische Daten/
 technical data : Akkupack/
 battery pack
 Chemie/
 chemistry : Lithium Ion
 Zellenzahl/
 no. of cells : 6 Zellen/ cells ; 3S2P
 Zellentyp
 cell type : INR18650 LGC B4
 Kapazität/
 capacity : nom. 5200mAh discharge at 0.2C
 min. 5000mAh discharge at 0.2C
 to:20°C; EV(Discharge End Voltage): 2.75V per cell

Innenwiderstand/
 impedance : < 120mOhm (battery and safetyboard)
 Nominalspannung/
 nominal voltage : 11.1V
 Standard Ladespannung/
 standard charge voltage : 12.6V±1%
 Standard Entladespannung/
 standard discharge voltage : 8.25V
 Maximaler Ladestrom/
 maximum charge current : 5A (limited by safety board)
 Ladeendstrom/
 charge end current : 0.01C recommended
 Maximaler Entladestrom/
 maximum discharge current : 5A (limited by safety board)

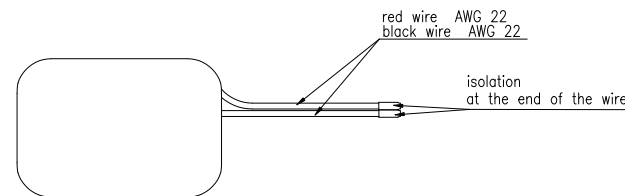
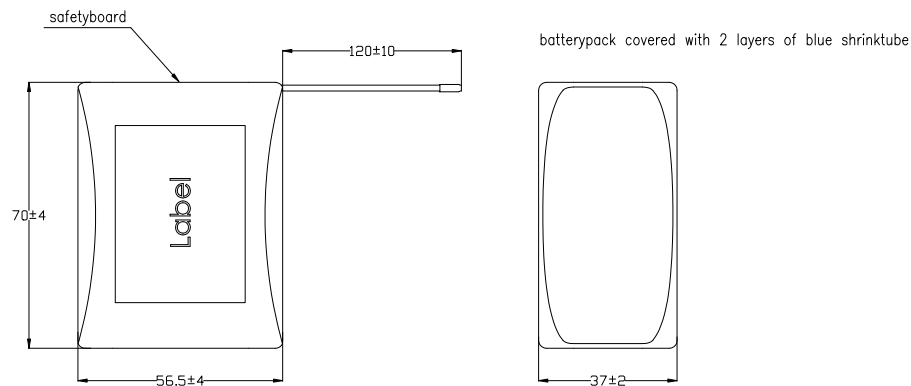
Anwendungstemperaturbereich/
 ambient temperature range : 0°C...+45°C charge
 -20°C...+60°C discharge
 -20°C...+30°C storage max. 1 year
 -20°C...+45°C storage max. 3months

Selbstentladung/
 self discharge : ≤ 5% / month at20°C
 ≤ 10% / month at30°C
 ≤ 20% / month at40°C

Standards/
 : UN 3480, Subsection 38.3
 All cells and battery packs type tested according
 to UN manual of test and criteria subsection 38.3

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

Entlade Abschaltstrom/
 discharge cut off current : 12A± 2A
 Kurzschlusschutz/
 short circuit protection : gegen äußeren Kurzschluss/
 against external short circuit
 Temperarurschalter/
 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 : 280g
 Standards : CE



Verwendungsbereich/Application range für Anfrage/for inquiry IS-2013-00429		Zul. 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	
		Zeichner/ Drawn by	23.10.	JE	Li-Ion Battery 11.1V 5200mAh with safetyboard
V3	changed cell description	18.12.17	DS		
V2	values corrected	03.07.17	MSJ		
V2	change request: DE-15-0022	15.01.16	MSJ		
V1	technical data corrected	25.06.15	JH		
V1	values corrected	17.01.14	JE		
Version	Anderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00429	Ersatz für/Replaced by
				Zeichnungsnummer/Drawing number Artikelnummer/Part number	Blatt/ Sheet
				2447-3050-01	1
				Ersatz durch/Replacement through	

