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 from 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 components. Verbal agreements over and above that are not valid. Deviations from this rule must be writing and must be signed by the purchaser.

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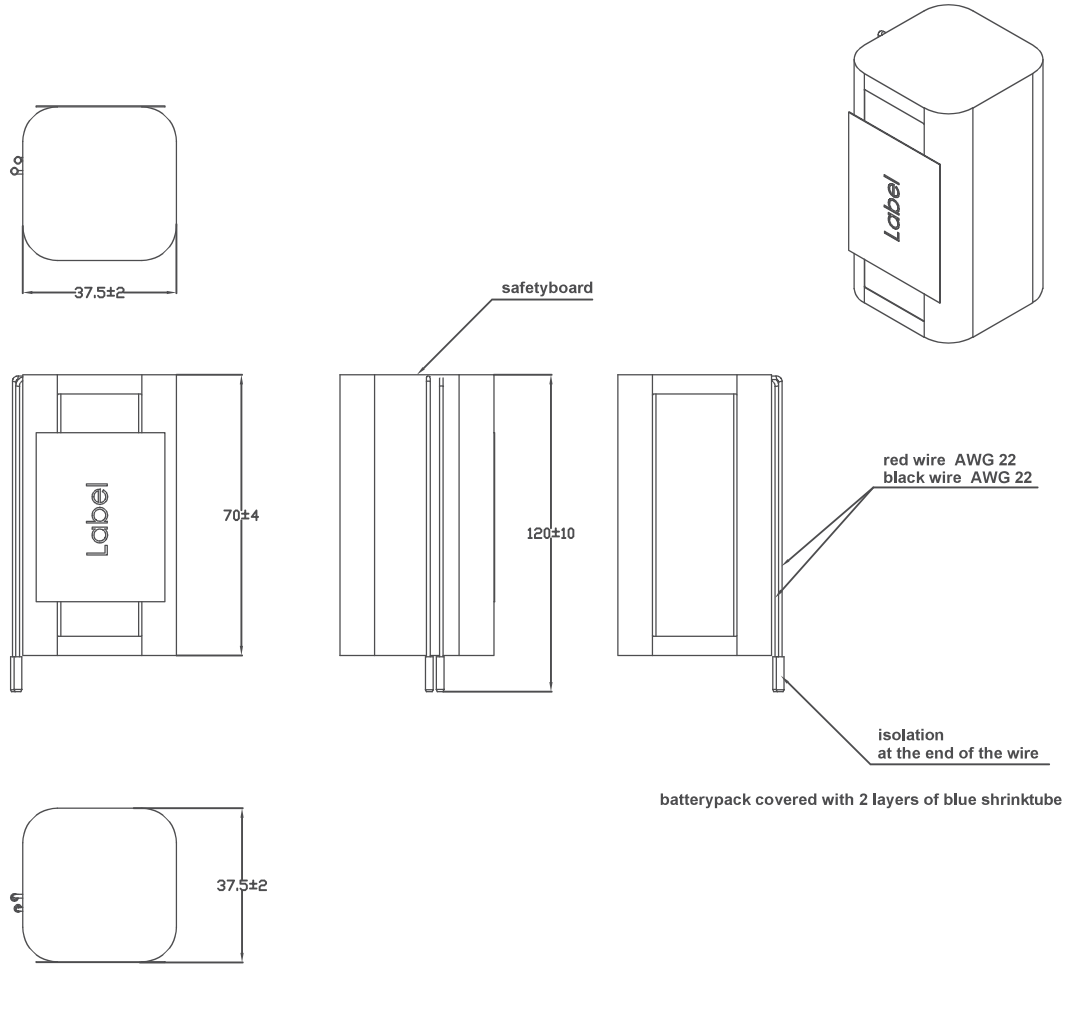
Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells INR18650-CQ-BAK; 4S1P-Block
Kapazität/ capacity	:	nom. 2550mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell C=min capacity
Innenwiderstand/ impedance	:	---
Nominalspannung/ nominal voltage	:	14.4V
Standard Ladespannung/ standard charge voltage	:	16.8V±1%
Standard Entladespannung/ standard discharge voltage	:	11.0V
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	:	2.55A
Anwendungstemperaturbereich/ ambient temperature range	:	0°C...+45°C charge -20°C...+60°C discharge -20°C...+25°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	:	4.25V±40mV	per cell
Wiedereinschaltspannung/ over charge release voltage	:	4.13V±50mV	per cell
Entladeabschaltspannung/ over discharge detection voltage	:	2.5V±80mV	per cell
Wiedereinschaltspannung/ over discharge release voltage	:	2.7V±100mV	per cell
Nominaler Lade/Entladestrom/ nominal operating current	:	3.35A	
Entlade Abschaltstrom/ discharge cut off current	:	12.5A± 1.875A	
Kurzschlussschutz/ 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	:	---	
Leiterplattenmaterial/ pcb material	:	FR4	
Standards	:	CE	



batterypack covered with 2 layers of blue shrinktube

Application range for inquiry				Allowable deviation general tolerances		Tolerance principle:	Model:	Material:	
				DIN ISO 2768-m		ISO 8015	Scale (DIN A2): 1:1	All dimensions in mm	Weight:
				2021	Date	Name	Drawing name		
				Drawn by	23.02.	MST			
				Approved by					
V4	updated text font	2023,05,26	HONG				Li-Ion-14.4V-2550mAh-4s1p-Block-CQ-BAK		
V3	Modify parameter remark	2022,03,03	HONG						
V2	Modify parameter remark	2022,01,13	HONG						
V1	updated parameter	2021,12,27	HONG	ANSMANN			Drawing number / Part number	2447-3036-50	Sheet 1/1
V0	---	23,02,'21	MST						
Version	Change	Date	Name	Project: 710579			Replaced by:	Replacement through:	