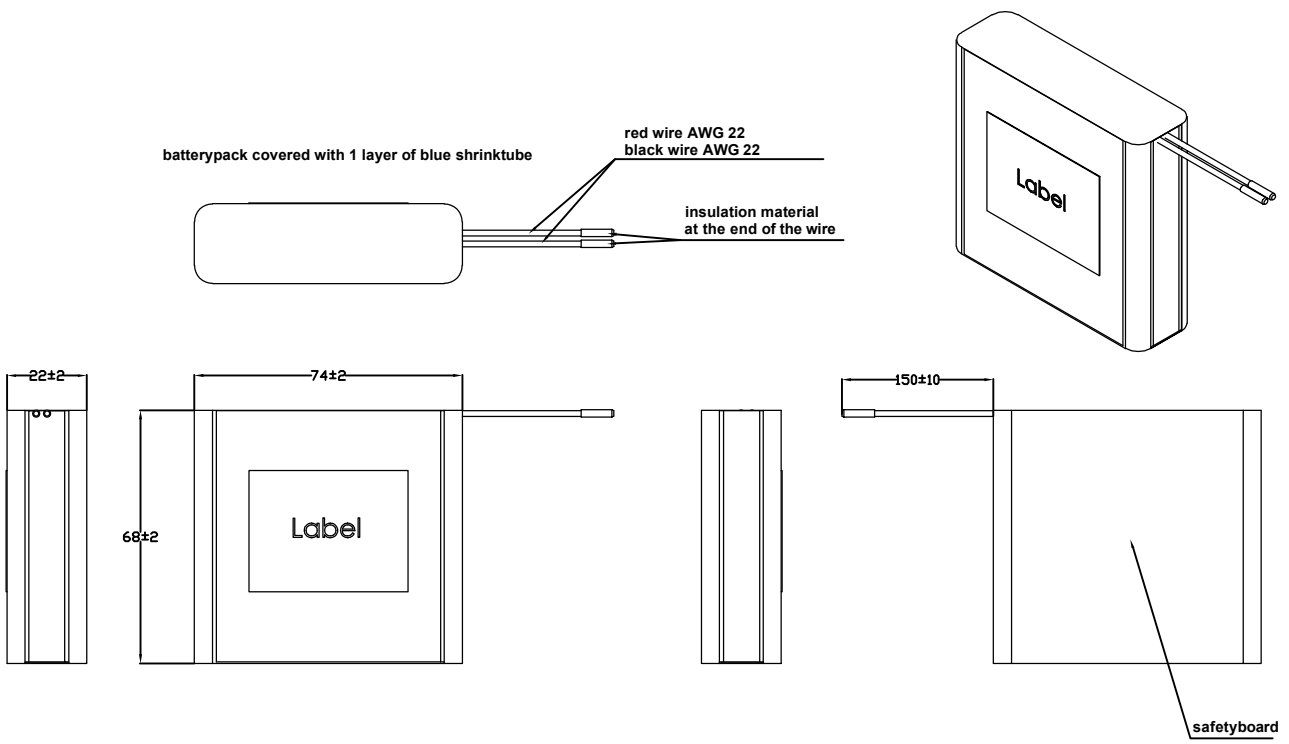


The supplier acknowledges that, with the acceptance of this drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible quantities. The drawing is not to be used for the production of a single part. The drawing is not to be used for the production of a single part. The drawing is not to be used for the production of a single part.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells INR18650-CQ-BAK; 4S1P
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
Kurzschlusschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Temperaturschalter/ 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



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	
		2021		Date		Name		Drawing name	
		Drawn by		23.02.		MST		Li-Ion-14.4V-2550mAh-4s1p-CQ-BAK	
		Approved by						Drawing number	
V3 updated text font		2023.07.7		HONG				Part number	
V2 Modify parameter remark		2022.01.13		HONG				2447-3032-50	
V1 updated parameter		2021.12.27		HONG				Sheet	
V0 --		23.02.21		MST				1/1	
Version		Change		Date		Name		Project: 710579	
								Replaced by:	
								Replacement through:	