

Technische Daten/  
technical data : Akkupack/  
batterypack  
Chemie/  
chemistry : Lithium Ion  
Zellenzahl/  
no. of cells : 4 Zellen/ cells ; 2S2P  
Zellentyp/  
cell type : INR18650 M26 LG  
Kapazität/  
capacity : nom. 5200mAh discharge at 0.2C  
min. 5000mAh discharge at 0.2C  
ta:20°C; EV(Discharge End Voltage): 2.75V per cell

Innenwiderstand/  
impedance : < 100mOhm (battery and safetyboard)

Nominalspannung/  
nominal voltage : 7.2V

Standard Ladespannung/  
standard charge voltage : 8.4V±1%

Standard Entladespannung/  
standard discharge voltage : 5.5V

Nominaler Ladestrom/  
nominal charge current : 0.5C

Maximaler Ladestrom/  
maximum charge current : 5000mA (limited by safetyboard)

Ladeendstrom/  
charge end current : 0.01C recommended

Maximaler Entladestrom/  
maximum discharge current : 5000mA (limited by safetyboard)

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

Selbstentladung/  
self discharge : ≤ 5% / month at 20°C  
≤ 10% / month at 30°C  
≤ 20% / month at 40°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 : 4.3V±25mV per cell

Wiedereinschaltspannung/  
over charge release voltage : 4.1V±50mV per cell

Entladeabschaltspannung/  
over discharge detection voltage : 2.4V±50mV per cell

Wiedereinschaltspannung/  
over discharge release voltage : 3.0V±100mV per cell

Nominaler Lade/Entladestrom/  
nominal operating current : 5A

Entlade Abschaltstrom/  
discharge cut off current : 13A± 3A

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

Temperaturerhalter/  
temperature switch : PTC: JK-P730 20V/ 7.3A at 25°C ; 6.2A at 40°C

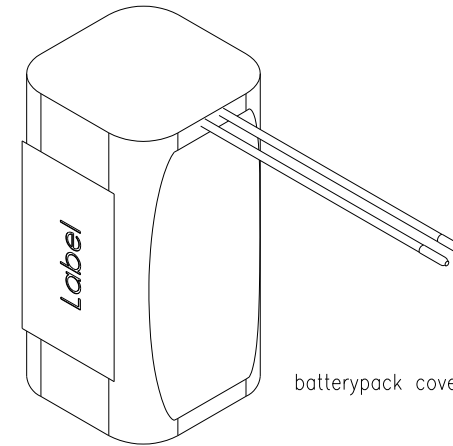
MOSFET : in Masse  
in Gnd

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

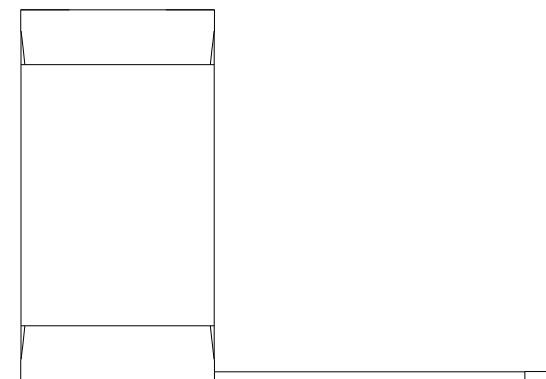
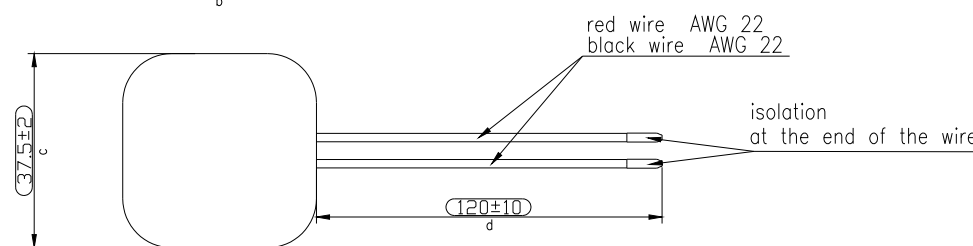
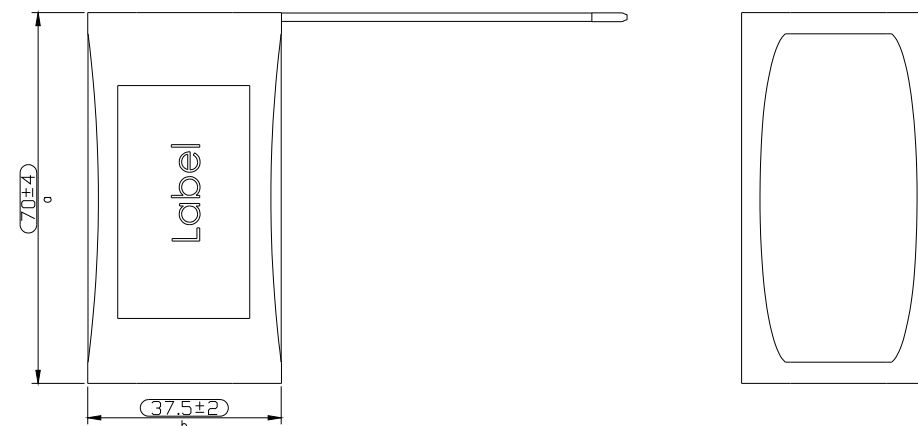
Nettogewicht/  
net weight : 196g

Leiterplattenmaterial/  
pcb material : FR4

Standards : CE, UKCA



batterypack covered with 2 layers of blue shrinktube



Part Number	SAP Description
2447-3049-02	Li-Ion-7.2V-5200mAh-2S2P-Block-M26
2447-3049-202	Li-Ion-7.2V-5200mAh-2S2P-Block-M26/UK

Version	Change	Date	Name	Allowable deviation general tolerances	Surface:	Material:	Weight
				DIN ISO 2768-m		Scale (DIN A2): 1:1	1
						Projection method	
						Product name:	
						Li-Ion-7.2V-5200mAh-2S2P-Block-M26	
						Part number	Project:
						2447-3049-X02	IS-00430
						Application range for inquiry	Sheet
						IS-2013- 00430	1/1

