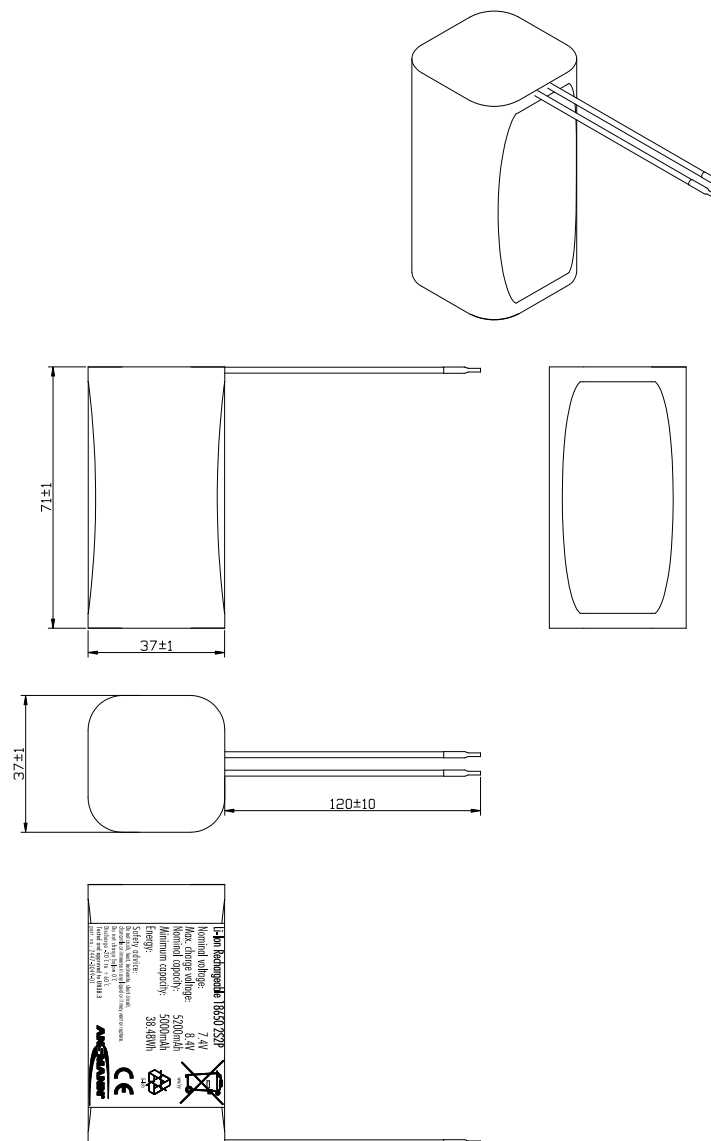


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Technische Daten/ technical data	:	Akkupack/ battery pack
Chemie/ chemistry	:	Li-Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells 18650 2S2P
Zellentyp/ cell type	:	LG B4
Kapazität/ capacity	:	nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 100mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	7.4V
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...+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

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	:	2.8V±250mV 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
Temperaturumschalter/ temperature switch	:	---
MOSFET	:	in Masse

Rückstellkriterium/ release condition	: Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Nettogewicht/ net weight	: 196g
Leiterplattenmaterial/ pcb material	: FR4
Standards	: CE



Label

Li-Ion Rechargeable 18650 252P

Nominal voltage:	7.4V
Max. charge voltage:	8.4V
Nominal capacity:	5200mAh
Minimum capacity:	5000mAh
Energy:	38.48Wh

Safety advice:
Do not crush, heat, incinerate, short circuit,
disassemble or immerse in any liquid or flammable vapours.
Do not charge below 0°C.
Store: -20°C to +60°C
Tactical approved to BS313
cert. no. 2447-3165-01





AKA

Verwendungsbereich/Application range für Anfrage/for inquiry IS-2013-001430		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			
		Erstellt/ Drawn by		23.10.		JE			
						Li-Ion Battery 7.4V 5200mAh with safetyboard			
V0 technical data corrected		24.06.15		JH				Zeichnungsnummer/Drawing number	
V0 Label added in drawing		25.06.14		EGoll				Arbeitsnummer/Part number	
Version		Änderung/Chance		Datum/Date		Ursprung/Origin Pro: IS-2013-00430		2447-3049-01 Ersatz für/Replaced by Ersatz durch/Replaces through	
								Blatt/Sheet 1	