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Technische Daten/
technical data : Akkupack/
battery pack
Chemie/
chemistry : Lithium Ion
Zellenzahl/
no. of cells : 6 Zellen/ cells ; 3S2P
Zellentyp
cell type : INR18650 M26 LG
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 : 10.8V
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)

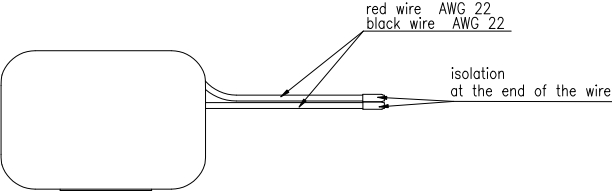
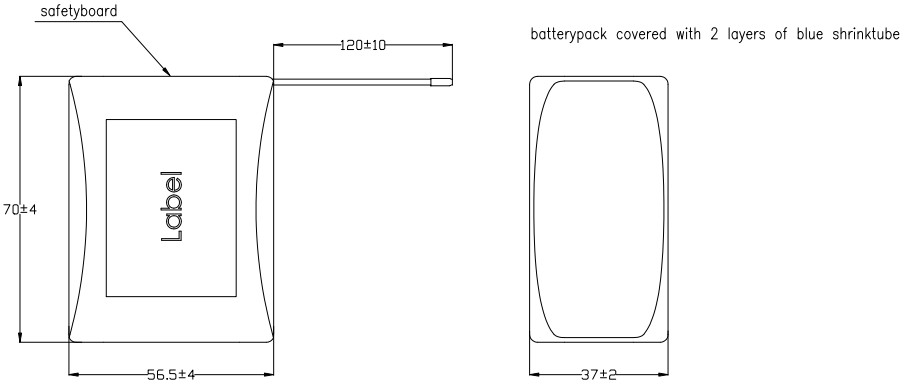
Anwendungstemperaturbereich/
ambient temperature range : 0°C...+45°C charge
-20°C...+60°C discharge
-20°C...+20°C storage max. 1 year
-20°C...+45°C storage max. 3months

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
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 : 280g
Standards : CE



Part Number	SAP Description
2447-3050-03	Li-Ion-10.8V-5200mAh-3S2P-M26
2447-3050-203	Li-Ion-10.8V-5200mAh-3S2P-M26/UK

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.	
				2019	Datum/Date	Name	Zeichnungsname/Drawing name
				Zeichner/ Drawn by	28.01.	MSf	Li-Ion Battery 10.8V 5200mAh with safetyboard
							Zeichnungsnummer/Drawing number
							Artikelnummer/Part number
V1	part number overview odder	15.04.19	DS				2447-3050-XXX
V0	---	XX.XX.XX	XX				Blatt/ Sheet
Version				Ursprung/Origin Proj. IS-2013-00429			1
Änderung/Change				Ersatz für/Replaced by			Ersatz durch/Replaced through