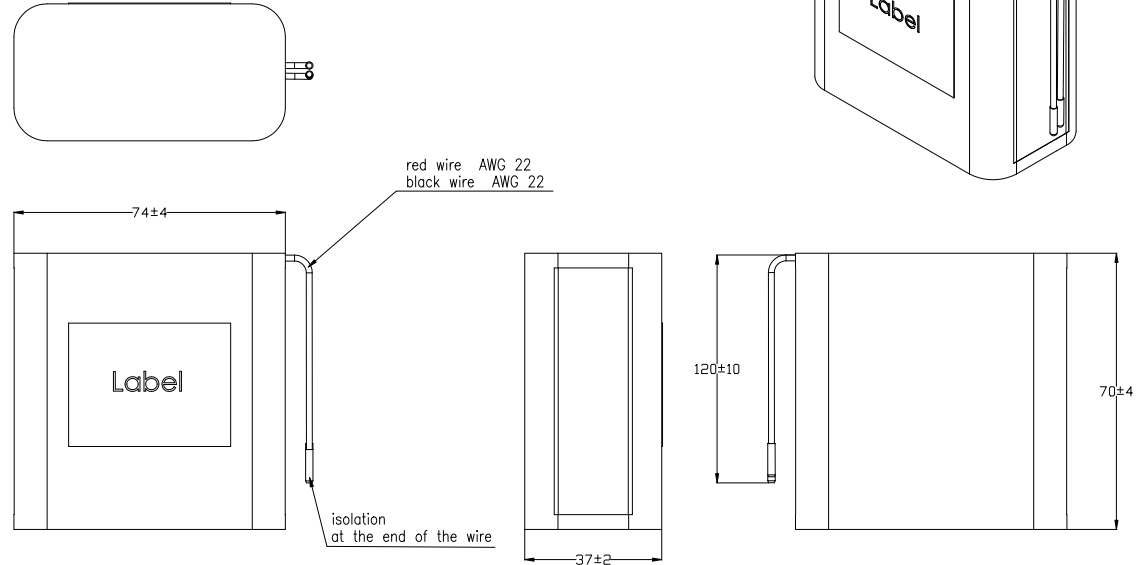


The supplier acknowledges that, with the acceptance of the drawing, he is liable to manufacture the illustrated part in accordance with the drawing, irrespective of the content of the drawing. The manufacturer is not liable for any deviations from the drawing which are not indicated by the drawing.

This drawing may not be used, reproduced or made available in any form without the written approval of the manufacturer.

- Technische Daten/  
technical data : Akkupack/  
battery pack
- Chemie/  
chemistry : Lithium Ion
- Zellenzahl/  
no. of cells : 8 Zellen/ cells INR18650 M26 LG ; 4S2P
- 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 : < 180mOhm (battery and safetyboard)
- Nominalspannung/  
nominal voltage : 14.4V
- Standard Ladespannung/  
standard charge voltage : 16.8V±1%
- Standard Entladespannung/  
standard discharge voltage : 11V
- 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 : 4000mA (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 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 : 4.325V±75mV 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
- Nominaler Lade/Entladestrom/  
nominal operating current : 4A
- Entlade Abschaltstrom/  
discharge cut off current : 15A± 5A
- 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 : 370g
- Leiterplattenmaterial/  
pcb material : FR4
- Standards : CE



battery pack covered with 1 layer of blue shrinktube

Part Number	SAP Description
2447-3035-03	Li-Ion-14.4V-5200mAh-4S2P-M26
2447-3035-203	Li-Ion-14.4V-5200mAh-4S2P-M26/UK

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00427		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	25.01.	MSt	Li-Ion Battery 14.4V 5200mAh with safetyboard
V1	part number overview added	15.04.19	DS	Zeichnungsnummer/Drawing number	
VO	---	XX.XX.XX	XX	Artikelnummer/Part number	
Version		Änderung/Change		Datum/Date Name	
		Ursprung/Origin Proj. IS-2013-00427		Ersatz für/Replaced by	
				Ersatz durch/Replacement through	
				Blatt/ Sheet	
				2447-3035-XXX	
				1	