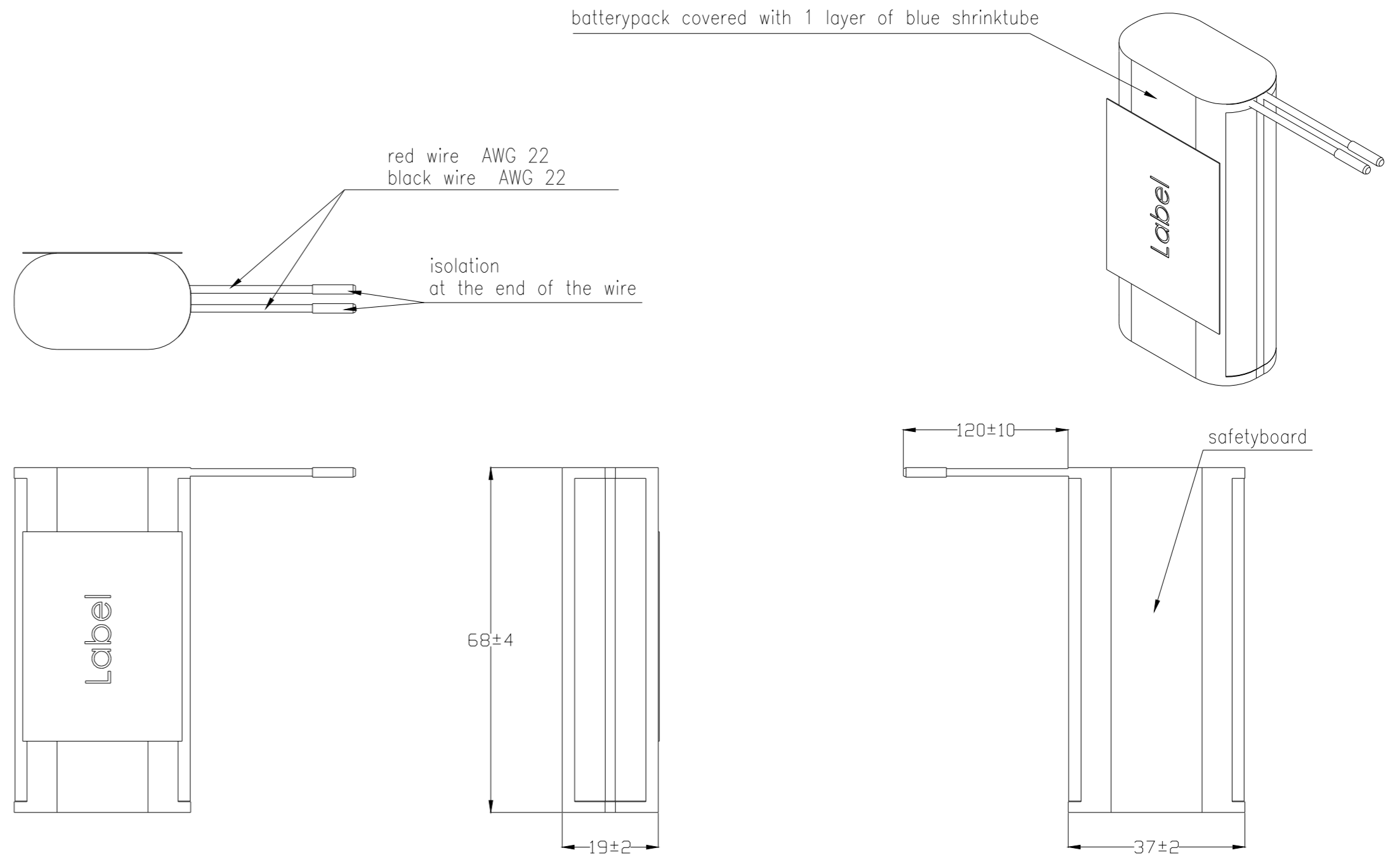


The upper annotations that, with the acceptance of this drawing, are in addition to what is stated in accordance with the drawing in reproducible form are not to be regarded as part of the drawing. They are intended for the information of the purchaser and must not be signed by the purchaser. The lower annotations that, with the acceptance of this drawing, are in addition to what is stated in accordance with the drawing in reproducible form are not to be regarded as part of the drawing. They are intended for the information of the purchaser and must not be signed by the purchaser.

- Technische Daten/
technical data : Akkupack/
batterypack
- Chemie/
chemistry : Lithium Ion
- Zellenzahl/
no. of cells : 2 Zellen/ cells INR18650 M26 LG ; 1S2P
- 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 : < 80mOhm (battery and safetyboard)
- Nominalspannung/
nominal voltage : 3.6V
- Standard Ladespannung/
standard charge voltage : 4.2V±1%
- Standard Entladespannung/
standard discharge voltage : 2.75V
- Nominaler Ladestrom/
nominal charge current : 0.5C
- Maximaler Ladestrom/
maximum charge current : 3000mA (limited by safetyboard)
- Ladeendstrom/
charge end current : 0.01C recommended
- Maximaler Entladestrom/
maximum discharge current : 3000mA (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 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 : 4.325V±50mV per cell
- Wiedereinschaltspannung/
over charge release voltage : 4.075V±100mV per cell
- Entladeabschaltspannung/
over discharge detection voltage : 2.5V±100mV per cell
- Wiedereinschaltspannung/
over discharge release voltage : 2.9V±100mV per cell
- Nominaler Lade/Entladestrom/
nominal operating current : 3A
- Entlade Abschaltstrom/
discharge cut off current : 8.5A± 2A
- Kurzschlusschutz/
short circuit protection : gegen äußeren Kurzschluss/
against external short circuit
- Temperaturumschalter/
temperature switch : PTC: JK-P450 20V/ 4.5A at 25°C ; 3.9A 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 : ca./ approx. 100g
- Leiterplattenmaterial/
pcb material : FR4
- Standards : CE



Part Number	SAP Description
2447-3033-02	Li-Ion-3.6V-5200mAh-1S2P-M26
2447-3033-202	Li-Ion-3.6V-5200mAh-1S2P-M26/UK

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00425		Zut. 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	
		Erstellt/ Drawn by	25.01.	MSt	Li-Ion Battery 3.6V 5200mAh with safetyboard
V2	change request: DE-20-5013	24.03.'20	MSt	Zeichnungsnummer/Drawing number	
V1	part number overview added	15.04.19	DS	Artikelnummer/Part number	
V0	---	XX.XX.XX	XX	2447-3033-X02	
Version	Anderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00425	Ersatz für/Replaced by
				Ersatz durch/Replacement through	

