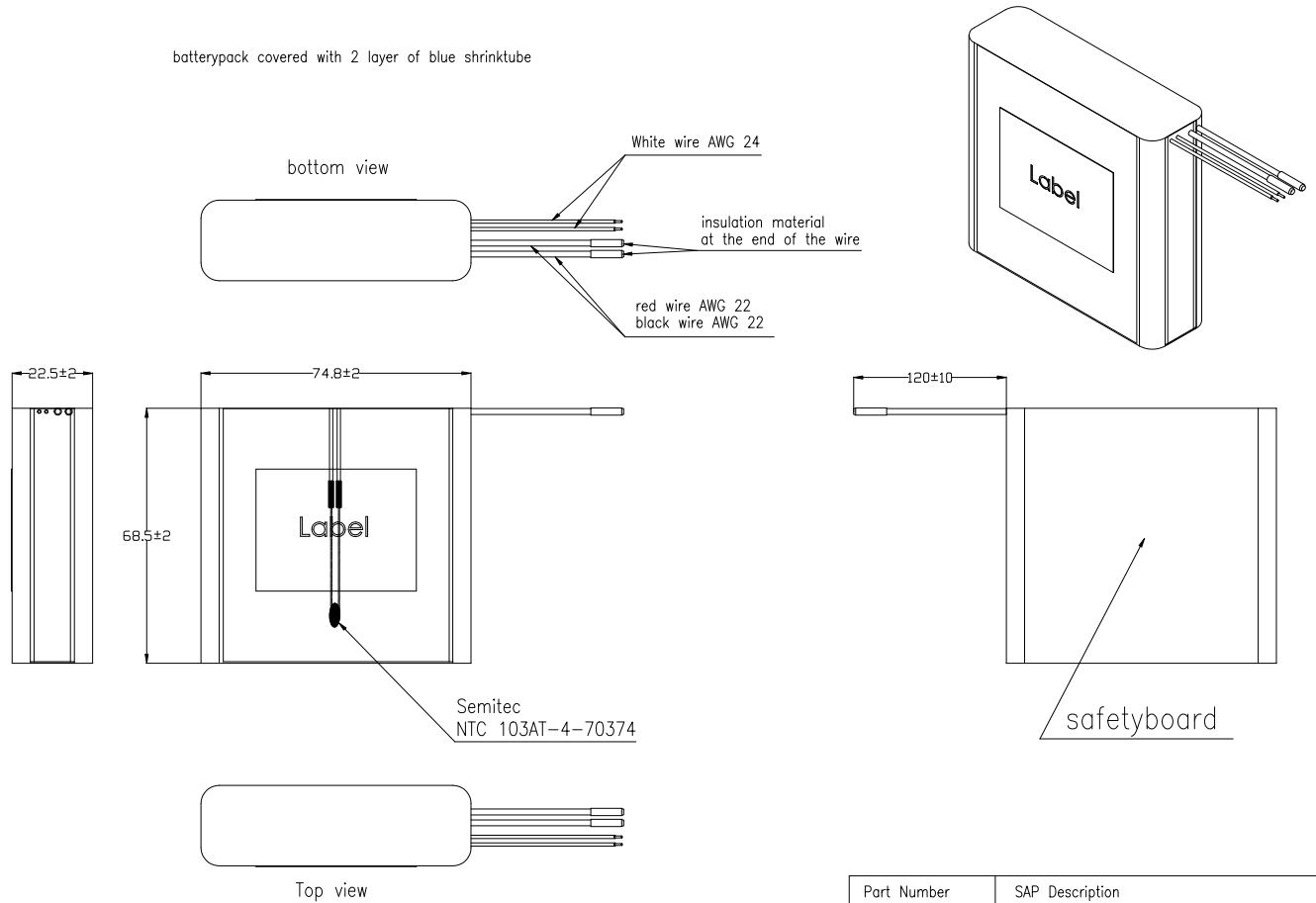


The supplier acknowledges that, with the acceptance of the drawing, he is liable to manufacture the illustrated part in accordance with the drawing. He is responsible for the correctness of the drawing. The manufacturer is not liable for any damage caused by the use of the drawing. The manufacturer is not liable for any damage caused by the use of the drawing. The manufacturer is not liable for any damage caused by the use of the drawing.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	4 Zellen/ cells ; 4S1P
Zellentyp/ cell type	:	INR18650 LGC M26
Kapazität/ capacity	:	nom. 2600mAh discharge at 0.2C min. 2500mAh discharge at 0.2C  ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 250mOhm (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...+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 batterypacks type tested according to UN manual of test and criteria subsection 38.3
Technische Daten/ technical data	:	Sicherheitsschaltung/ safety board (0180-3199)
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	:	3.0V±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	:	PTC : JK-P600 20V/6A at 25°C; 5.2A at 40°C
MOSFET	:	im Pluszweig/ in positive path
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Leiterplattenmaterial/ pcb material	:	FR4
Nettogewicht/ net weight	:	192.7g
Standards	:	CE

batterypack covered with 2 layer of blue shrinktube



Part Number	SAP Description
2447-3032-30	Li-Ion-14.4V-2600mAh-4S1P-NTC-M26/LG
2447-3032-230	Li-Ion-14.4V-2600mAh-4S1P-NTC-M26/UK

Verwendungsbereich/Application range für Anfrage/for inquiry :IS-2017-xxxxx		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2017 Datum/Date	Name	Zeichnungsname/Drawing name	
		Zeichner/ Drawn by	11.14.	JX	Li-Ion-14.4V-2600mAh-4S1P-NTC-M26/LG with PTC and safetyboard
V1	part number overview added	15.04.19	DS	Zeichnungsnummer/Drawing number Artikelnummer/Part number 2447-3032-XXX	
VO	created this D/S	Nov.14.17	JX		
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2017-xxxxx	Ersatz für/Replaced by
					Ersatz durch/Replacement through