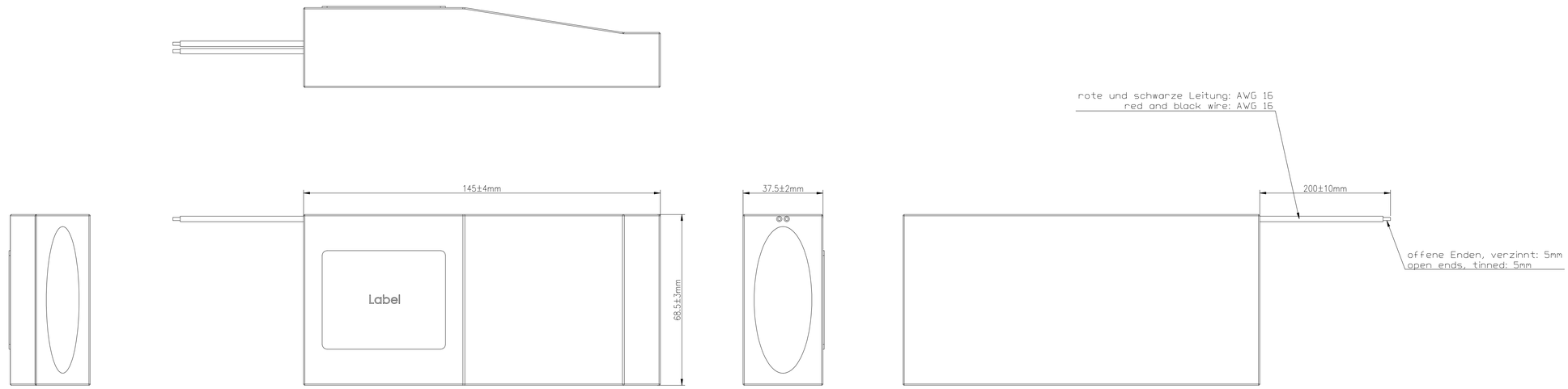
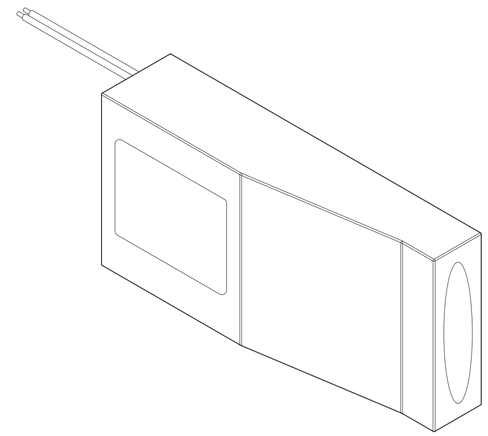
The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible from and series production. Through the selected manufacturing processes no
impairments will arise in the material and structure which could subsequently lead to a impairment of the component. Verbal agreements over and above that are not valid. Deviations from this must be in writing and must be signed by the purchaser.

This drawing may not be copied, reproduced or made available to third parties in any way whatsoever without your written approval.





Technische Daten/ technical data	:	Akkupack/ Batterypack
Chemie/ chemistry	:	Li-Ion
Zellentyp/ cell type	:	INR18650 M29 LG
Zellenzahl/ no. of cells	:	7 Zellen/ cells 18650 7S1P
Kapazität/ capacity	:	nom. 2850mAh discharge at 0.2C min. 2750mAh discharge at 0.2C ta: 20°C ; EV (Discharge End Voltage): 2.5V/cell
Nominalspannung/ nominal voltage	:	25.69V
Standard Ladespannung/ standard charge voltage	:	29.4V±1%
Max. Ladestrom/ max. charge current	:	2.75A
Ladeendstrom/ charge end current	:	0.01C recommended
Anwendungstemperaturbereich/ ambient temperature range	:	0°C...+45°C charge -20°C...+60°C discharge -20°C...+20°C storage max. 1 year
Standards/	:	UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3

Abschaltspannung/ over charge voltage detection	:	4.25V±0.025V/cell
Wiedereinschaltspannung/ over charge release voltage	:	4.19V±0.025V/cell
Entladeabschaltspannung/ over discharge detection voltage	:	2.8V±0.05V/cell
Wiedereinschaltspannung/ over discharge release voltage	:	3.0V±0.1V/cell
max. Entladestrom/ max. operating current	:	8A
Entlade Abschaltstrom/ discharge cut off current	:	17A±5A
Übertemperaturschutz/ over temperature protection	:	70°C
Sicherung/ fuse	:	25A
Kurzschlussschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Standards	:	CE

Application range for inquiry				Allowable deviation general tolerances	Tolerance principle	Model:	Material:
				DIN ISO 2768-m	ISO 8015	Scale (DIN A1): 1:1	All dimensions in mm	Weight:
				2019	Date	Name	Drawing name
				Drawn by	01.07.	MST	Li-Ion Battery 25.69V 2.75Ah with safetyboard
				Approved by			
						ANSMANN	Drawing number / Part number: 2447-0046-01	Sheet 1/1
V0	---	26.02.'20	MST	Project: 15-01700		Replaced by:	Replacement through:
Version	Change	Date	Name				