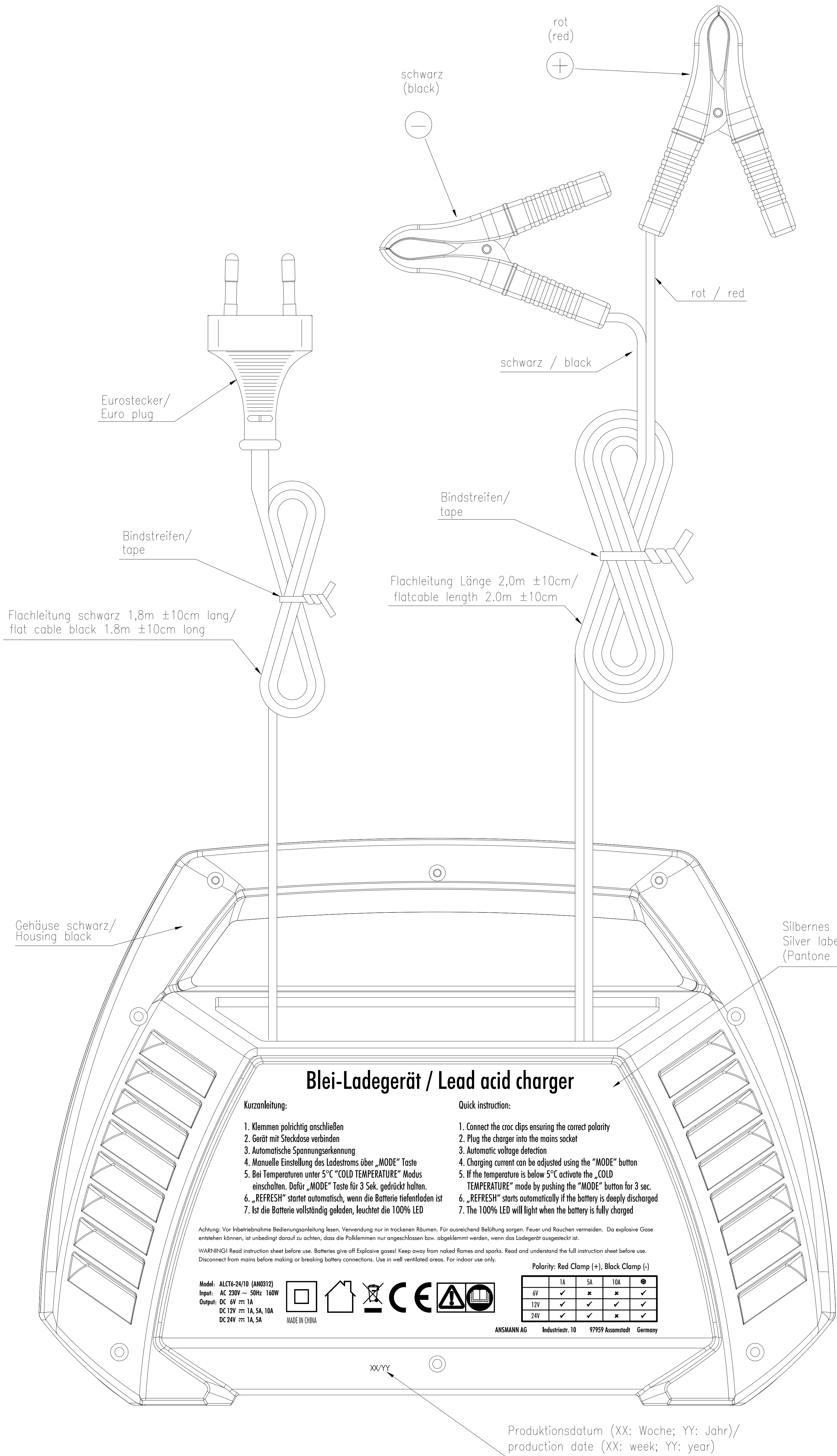


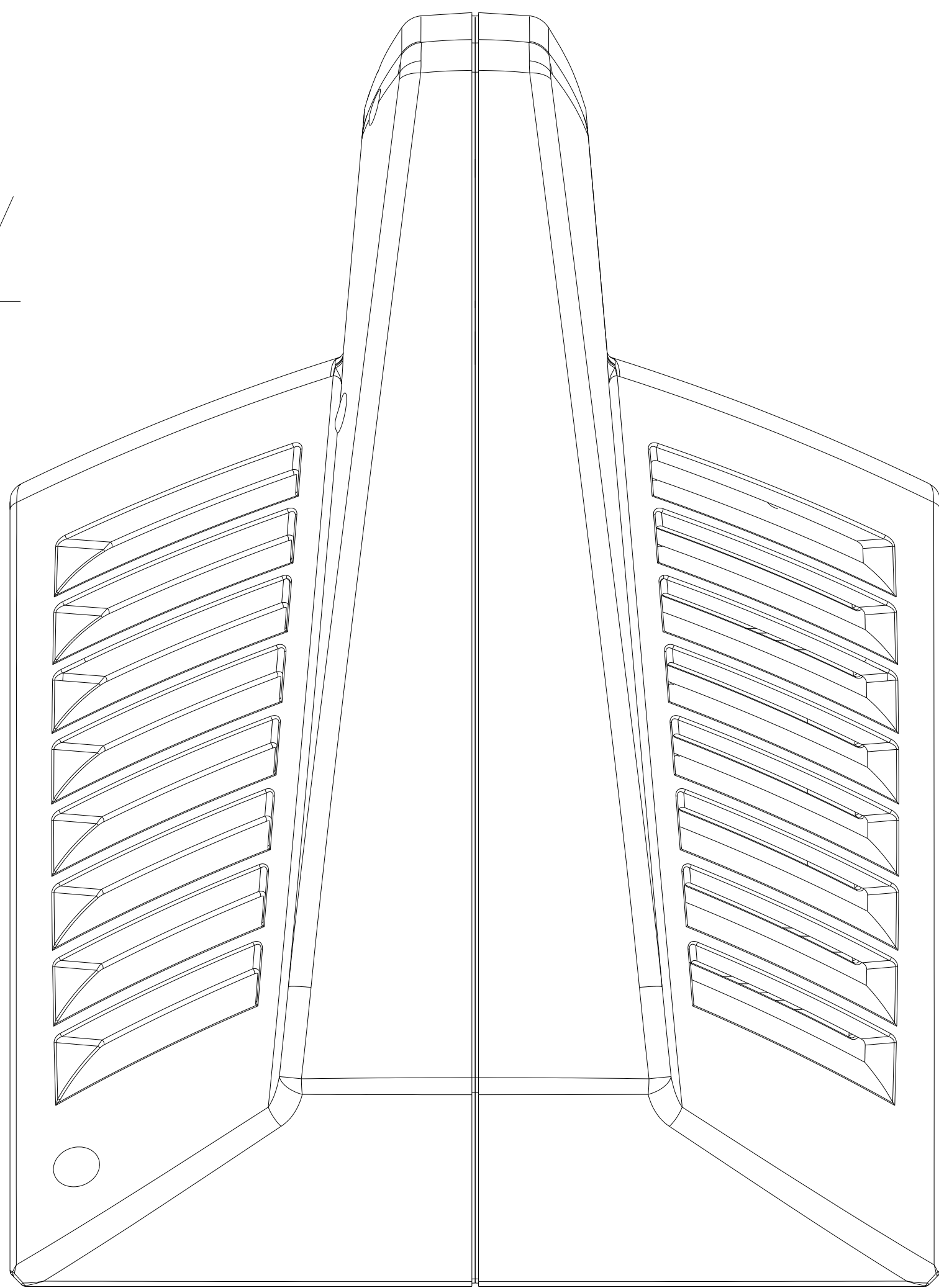
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Technische Daten/ technical data	
Eingangsdaten/ input data	: 230V AC ±10% / 50Hz 160W
Ausgangsdaten/ output data	6V : 1A ±20% 12V : 1A ±20% / 5A ±10% / 10A ±10% 24V : 1A ±20% / 5A ±10%
Ladeschlußspannung/ charge end voltage	6V : 7.25V ±2% 12V : 14.5V ±2% 24V : 29.0V ±2%
Ladeschlußspannung "cold mode"/ charge end voltage "cold mode"	6V : 7.45V ±2% 12V : 14.9V ±2% 24V : 29.8V ±2%
automatische Starthilfe/ automatic engine start support	6V : 1A ±10% 12V : 10A ±10% 24V : 5A ±10%
Akku Erkennungsspannungsbereich/ battery detection voltage range	6V : 4.00V – 7.99V 12V : 8.00V – 15.49V 24V : 15.50V – 30.00V
Ausgangsschutz/ output protection	Kurzschlußschutz/ short circuit protection : elektronisch/ electronical Verpolschutz/ reverse polarity protection : elektronisch/ electronical Überhitzungsschutz/ overheat protection : interner Temperatüfühler/ internal Thermostat
Bedienung/ Operation	
"Mode" Taster/ "Mode" button	: Kurz drücken um Ladestrom zu ändern(nur 12V und 24V)/ Press short to change charge current (only 12V and 24V)/ Lang(>3s) drücken um "Cold Temp." Modus zu ändern/ Press long(>3s) to change "Cold Temp." mode

Anzeige/ Indicator	
MODE: SLOW 1A / NORMAL 5A / FAST 10A	Anzeige des ausgewählten Ladestroms (1A / 5A / 10A) / Display of the selected charge current (1A / 5A / 10A)
COLD TEMP.<5°C	Lademodus für Temperaturen unter 5°C gewählt/ Charge mode for temperatures below 5°C selected
REFRESH	Automatischer Auffrischmodus gestartet(12V und 24V)/ Automatic refresh mode started(12V and 24V)
BATTERY STATUS:	
Kapazität / Capacity 0% – 35% :	35% LED blinkt/blinking
Kapazität / Capacity 36% – 70% :	70% LED blinkt/blinking / 35% LED an/on
Kapazität / Capacity 71% – 99% :	100% LED blinkt/blinking / 70% + 35% LED an/on
Batterie voll / battery full :	100% + 70% + 35% LED an/on
POWER :	Gerät ist eingeschalten / device powered on
6V :	6V Batterie erkannt / 6V battery detected
12V :	12V Batterie erkannt / 12V battery detected
24V :	24V Batterie erkannt / 24V battery detected
FAULT :	Batterie defekt / Battery defective
⚡ :	Falsche Polung / Wrong polarity

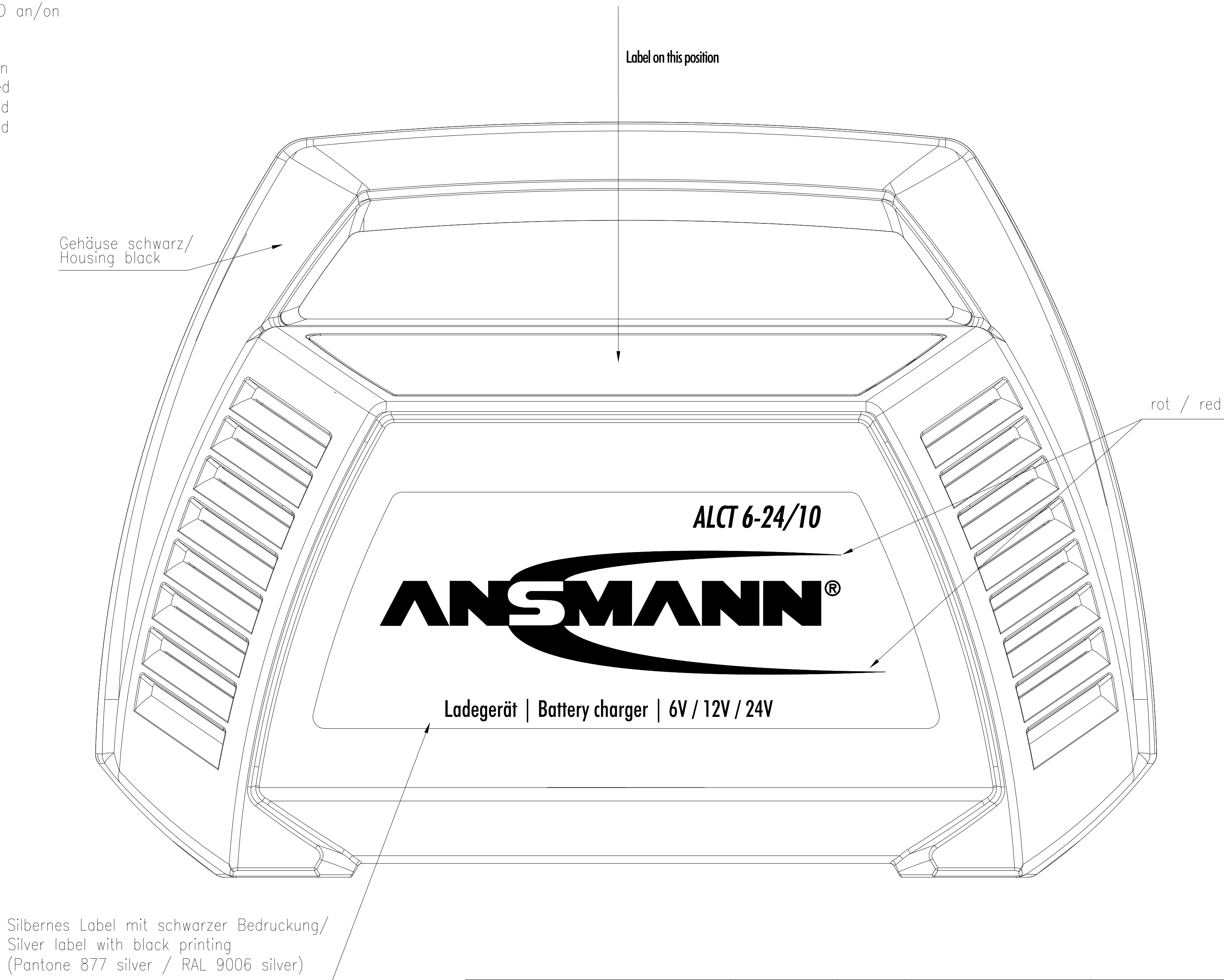
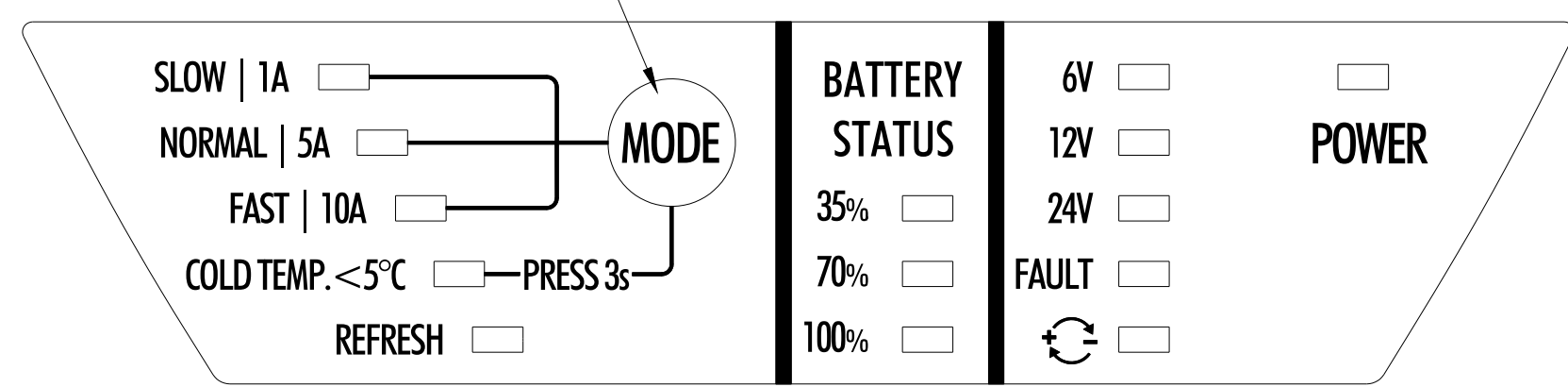
Warnsignal / warning signal:
Falsche Polarität /
wrong polarity:
Gerät pfeift /
Device whistle



Schutzart/ protection	: IP20
Isolation/ insulation	: 4kV Eingang/Ausgang primary/secondary
Betriebstemperatur/ operating temperature	: 0°C.....+25°C
Lagertemperatur/ storage temperature	: –25°C.....+45°C
Approbation/ approval	: CE
Gehäuse/ case	: schwarzes Tischgehäuse/ desktop case black
Gewicht des Ladegerätes/ weight of the charger	: 1330g
Verpackung/ package	: Einzelverpackung, farbige Faltschachtel inkl. mehrsprachiger Bedienungsanleitung/ individual package, coloured folding box incl. multilingual manual

"MODE" in Silber / Knopf in schwarzer
"MODE" in silver / button black
(Pantone 877 silver / RAL 9006 silver)

Silbernes Label mit schwarzer Bedruckung/
Silver label with black printing
(Pantone 877 silver / RAL 9006 silver)



Verwendungsbereich/Application range	Für Anfrage/for inquiry AN0312	Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A1)	11	Gewicht/Weight
V4	CS removed	27.09.19	KA	DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr
V3	1A tolerance changed / electric voltage label	13.04.18	KA	2012	Datum/Date	Name
V2	printing changed	09.04.15	SIT	Erstellt/ Drawn by	21.11.	CB
V1	warning signal added	02.12.14	KA			
V1	6V current tolerance changed to 15%	02.12.13	KA			
V1	Address added on label	29.10.13	CB			
V0	package information added	09.07.13	CB			
V0	Production date position changed	02.04.13	DC			
V0	---	22.02.13	KA			
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin	Proj. 086/39/12	Ersatz für/Replaced by
						Ersatz durch/Replacement through