The supplier acknowledges that, with the exception of the drawing, he is in a position to manufacture the described part in accordance with the drawing in reproducible mass and series production. Through the selected manufacturing processes no impairments will arise in the material and structure which could subsequently lead to or objectionable changes of the component. Where agreements exist and above that are not cited, the position is that this has also to be complied and must be agreed by the partner

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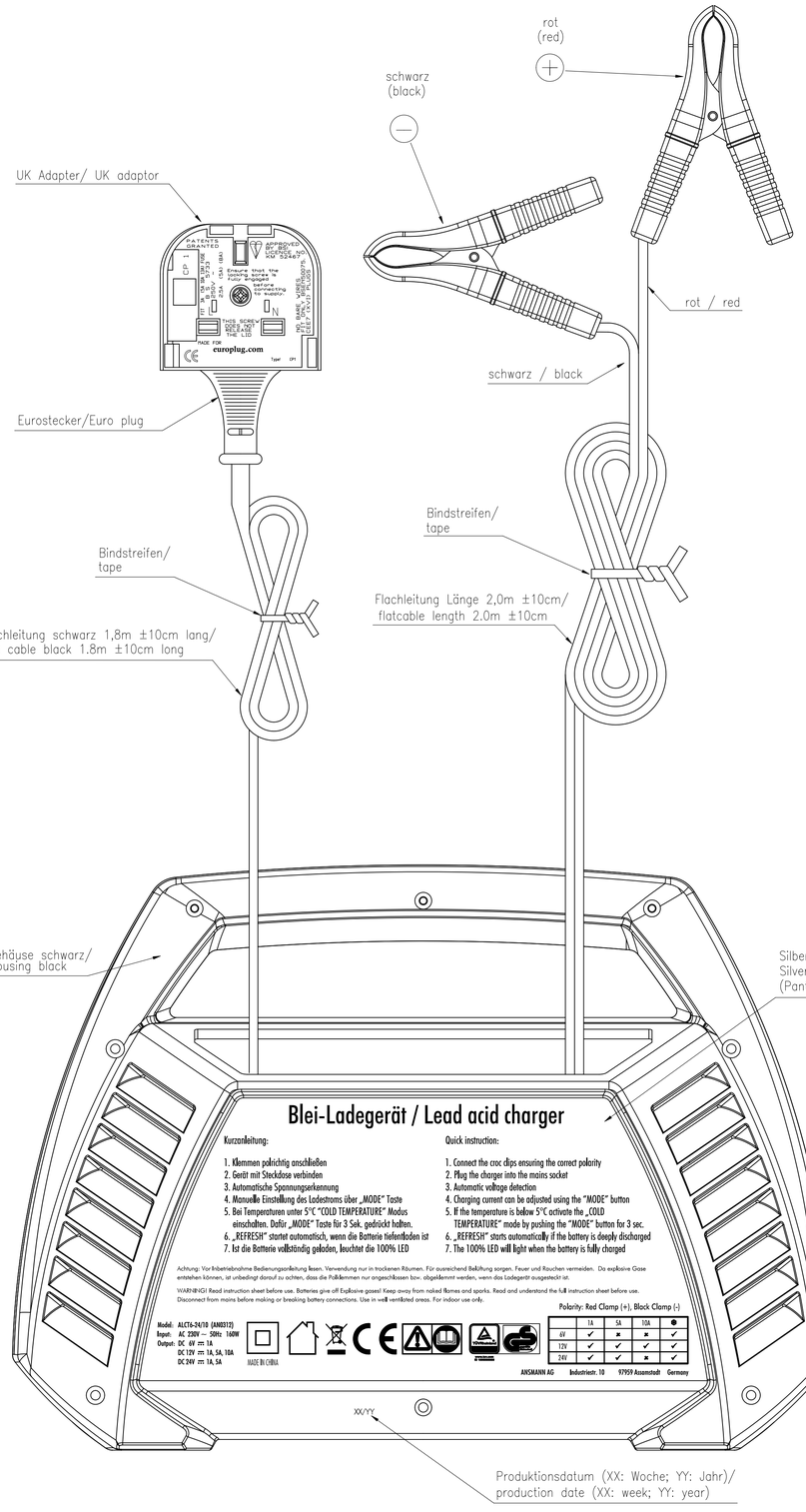


Technische Daten/
technical data

Eingangsdaten/ input data	:	230V AC ±10% / 50Hz 160W
Ausgangsdaten/ output data	6V :	1A ±15%
	12V :	1A ±10% / 5A ±10% / 10A ±10%
	24V :	1A ±10% / 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%
Ausgangsschutz/ output protection		Kurzschlußschutz/ short circuit protection : elektronisch/ electronical
		Verpolschutz/ reverse polarity protection : elektronisch/ electronical
		Überhitzungsschutz/ overheat protection : interner Temperaturfühler/ 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

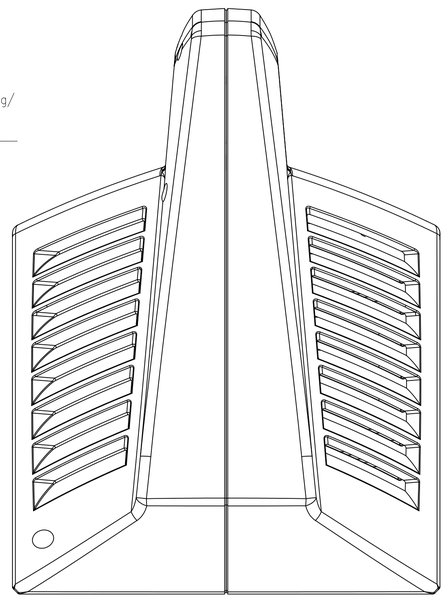
REFRESH : Automatischer Auffrischmodus gestartet(12V und 24V)/ Automatic refresh mode started(12V and 24V)

BATTERY STATUS:

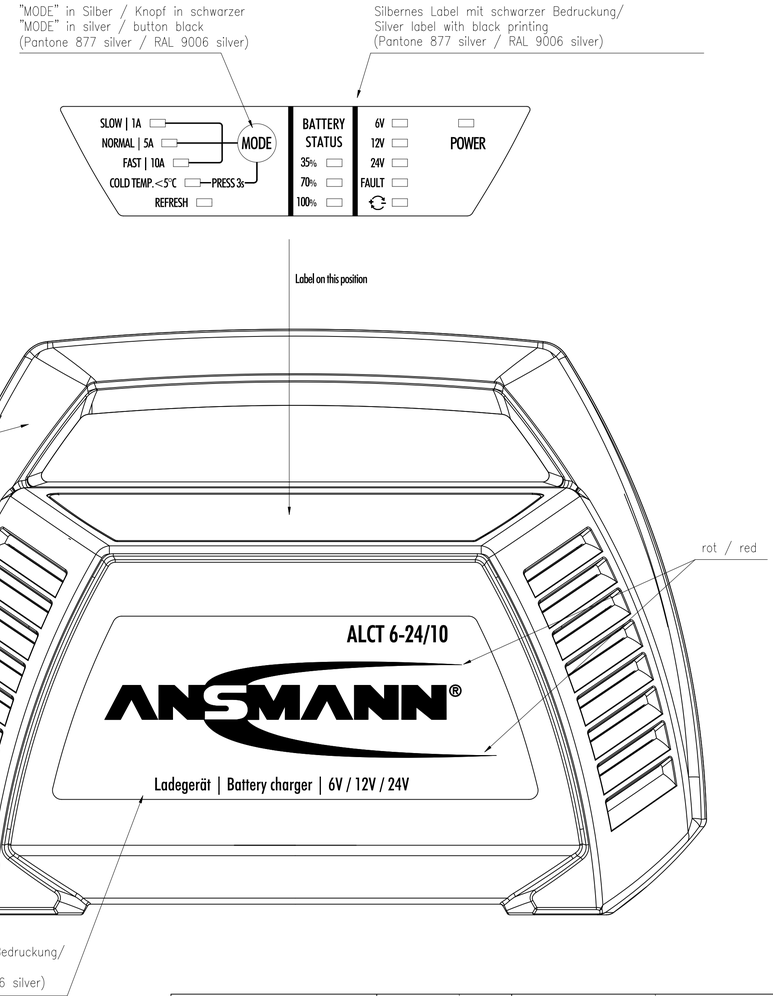
Kapazität / Capacity 0% – 35% : 35% LED blinkt/blinking
Kapazität / Capacity 36% – 70% : 70% LED blinkt/blinking / 35% LED an/on
Kapazität / Capacity 71% – 99% : 100% LED blinkt/blinking / 70% + 35% LED an/on
Batterie voll / battery full : 100% + 70% + 35% LED an/on

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.....+25C
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. merhsprachiger Bedienungsanleitung/ induvidual package, coloured folding box inlc. multilingual manual



Verwendungsbereich/Application range für Anfrage/for inquiry AN0312				Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A1): 1:1 Gewicht/Weight
				general tolerances DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.
				2013 Datum/Date	Name	Zeichnungsname/Drawing name
				Erstellt/ Drawn by	09.07. KA	PbBC–ALCT6–24/10–EU–cb
V1	printing changed	09.04.15	SIT			
V0	warning signal added	02.12.14	KA			
V0	6V current tollerance changed to 15%	03.12.13	KA			
V0	Adress added on label	03.12.13	KA			
V0	– – –	09.07.13	KA			
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin	Proj. 086/39/12	Zeichnungsnummer/Drawing number Artikelnummer/Part number 1001–0014–UK Blatt/Sheet 1
				Ersatz für/Replaced by		Ersatz durch/Replacement through