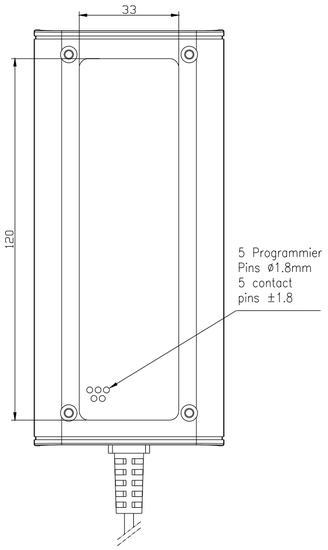
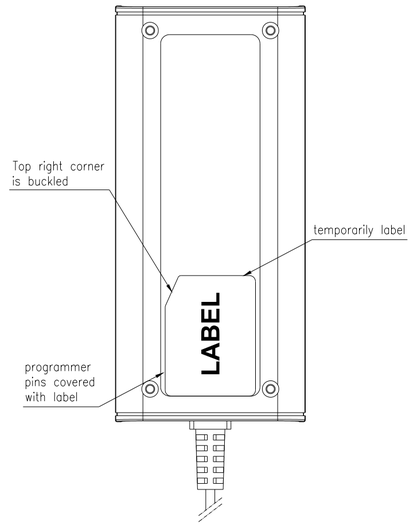
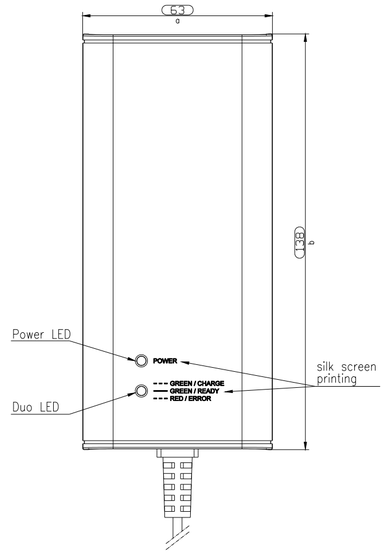
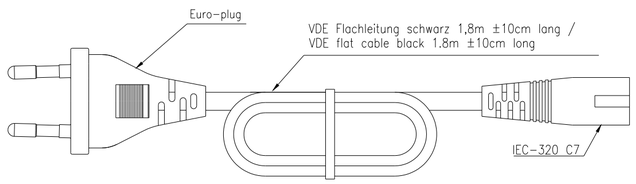
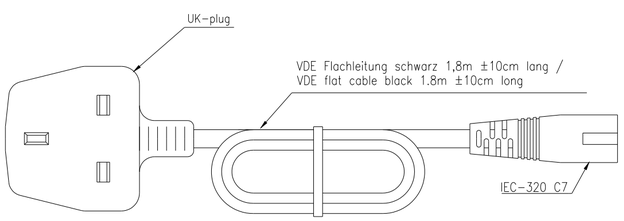
Technische Daten/ technical data	:	Tischladegerät/ desktop charger
Chemie/ chemistry	:	Li-Ion, NiMH, PB
Zellenzahl/ no. of cells	:	3-10 Zellen/ cells LiIon (*) 6-25 Zellen/ cells NiMH (*) 4-18 Zellen/ cells PB (*)
ladbare Kapazität/ loadable capacity	:	min. ≥0.7Ah (*) max. ≤26Ah (*)
Eingangsspannung/ input voltage	:	100-240VAC ±10% / 50-60Hz
Eingangs-Schutz/ primary electrical protection	:	Sicherung T3.15A fuse
Leistungsaufnahme im Leerlauf/ stand-by power consumption	:	≤ 0.5W (*)
Nenn-Leistungsaufnahme/ nominal power consumption	:	≤50W (*)
Ableitstrom/ Leakage current	:	< 250uA
Ausgangsspannung im Leerlauf/ no load output voltage	:	8...19VDC (*)
Vorladespannung/ pre-charge voltage	:	Li-Ion 2.5V ±1% / cell (*) NiMH 0.9V ±1% / cell (*) PB 1.75V ±1% / cell (*)
Vorladestrom/ pre-charge current	:	1/10CC
Nennausgangsspannung/ nominal output voltage	:	LiIon: 3.6V / cell (*) NiMH: 1.2V / cell (*) PB: 2V / cell (*)
Nennladestrom/ nominal charge current	:	≤ 1900mA ±10% (*)
Ladeschlußspannung/ charge end voltage	:	LiIon: 4.2V ±0.05V / cell (*) PB: 2.45VDC ±2% / cell (*)
Ladeschlußstrom/ charge end current	:	50mA ±10% (*)
-dV Erkennungsspannung -dV detection voltage	:	4mV ±10% /cell (*)
Lade Wiedereinschaltspannung/ charge restart voltage	:	3.9V...4.1V/cell /Li-Ion(*)
Lade Wiedereinschaltstrom/ charge restart current	:	Nominal CC (*)
Rückstrom ohne Netzspannung/ reverse current without AC	:	< 500uA bei/ at 42VDC (*)
Ausgangs-Schutz/ secondary electrical protection	:	Kurzschluss, Verpolung & Temperatur/ (*) short circuit, wrong polarity & temperature protection (*)
Akku-Vollerkennung/ battery full detection	:	CCCV, -dV, 0dV, IUOU (*)
Sicherheitstimer/ safety timer	:	2 hours or more (*)
Spannungsfestigkeit/ electric strength	:	4 kV Eingang/Ausgang primary/secondary
Schutzklasse/ protection class	:	II
Betriebstemperatur/ operating temperature	:	0°C...+40°C
Lagertemperatur/ storage temperature	:	-25°C...+60°C
Luftfeuchtigkeit im Betrieb/ humidity: operation	:	10%-90% (non-condensing)
Transport & Lagerung/ transport & storage	:	10%-95% (non-condensing)
Einsatzhöhe/ Elitsatz	:	max. 2000m
Transport & Lagerung/ transport & storage	:	max. 12000m
Luftdruck im Betrieb/ Air pressure: operation	:	795-1060hPA
Transport & Lagerung/	:	500-1060hPa
Nettogewicht/ net weight	:	XXXg
Gehäuse/ Gebäuse	:	Tischgehäuse, schwarz, Typ/ ACPS75 desktop housing, black, type
Gehäusematerial/ case material	:	PC plastic UL94V-0
Leiterplattenmaterial/ pcb material	:	FR4
Schutzart/ case protection	:	IP 20
Typenschild Vorderseite/ ratingplate front	:	---
Typenschild Rückseite/ ratingplate back	:	Weißes Label mit schwarzer Bedruckung/ white label with black printing
Anleitungen/ instructions	:	---
Approbationen/ approvals	:	CE, UKCA, CB report
Normen/ standards	:	CB IEC 60335-2-29, IEC 60335-1, CE EMC EN 55015-1, EN 61000-3-2, EN 61000-3-3, EN 55014-2
Power LED indicator		
AC on	:	lights green (*)
Duo LED indicator		
charging inactive	:	off (*)
charging (CC/CV)	:	flash green 1Hz (*)
charging finished	:	lights green (*)
error (battery/charger/muting)	:	flash red (*)
(under-voltage, over-voltage, short circuit, wrong polarity) (*)		

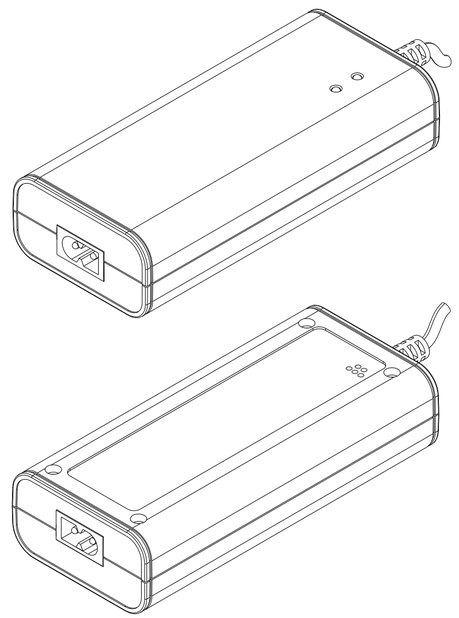












Version	Change	Date	Name
V7	approvals updated	09.06.2021	DS
V6	LEDs modified	20.05.2021	DS
V5	updated	01.12.2020	DS
V5	technical data changed	28.09.2020	DS
V4	AC cables added	10.09.2020	DS
V3	housing printing changed	31.08.2020	DS
V2	label position & cable changed	20.08.2020	DS
V1	label changed	06.07.2020	DS

Allowable deviation general tolerances: DIN ISO 2768-m
Surface:
Material:
Weight
Scale (DIN A1): 1:1
Projection method: 1
Drawn by: 15.06.2020 DS
Changed by:
Product name: **IPC-50-Uni-charger**
Part number: **2000-4001**
Project: **IS-01627 / IS-710480**
Application range for inquiry: **XXX/XX**
Sheet: 1/1