



Technical Data Sheet AVICHARGER

The AVIcharger is a compact, robust multi-charger designed to charge up to three AVIakku units (4R25 format) simultaneously. It features intelligent charging electronics (CC/CV) to maximize battery lifespan and ensure reliable continuous operation. A suitable power supply for direct connection to 230 V is included in the scope of delivery.

Technische Daten:

Properties	AVIcharger
Input voltage	12 V
Output voltage	4,2 V
Charging current	3,5 A
Number of charging slots	3 batteries simultaneously
Charging time	approx. 10 h for 3 × 25 Ah approx. 20h for 3x 45Ah
Protection features	Temperature monitoring
Protection rating	IP30
Dimensions (L x W x H)	217x150x72 mm
Weight	200g
Housing material	PC-FR

Certifications & Compliance:

AVIcharger complies with the following directives and standards:

- **IEC 60335:** Complies with safety requirements for household and similar electrical appliances.
- **EMC:** Meets requirements for immunity and emissions.
- **EMF:** Tested in accordance with international exposure limits for electromagnetic fields.
- **Directive 2011/65/EU (RoHS):** Restriction of hazardous substances in electrical and electronic equipment.
- **REACH Regulation (EC) No.1907/2006:** All materials and components comply with requirements for chemical substance registration and evaluation.