

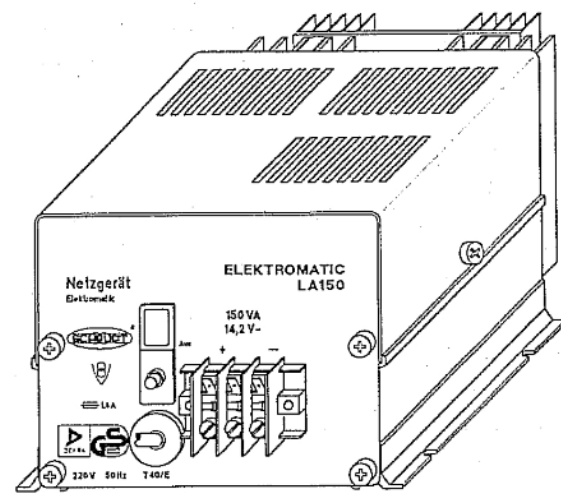
Automatic Battery Chargers - LA 50, LA 75, LA 150 and LA 250 series

These fully automatic chargers are designed to operate as both chargers for lead-acid batteries and power supplies.

Their design makes them suitable for use with caravans and motorhomes.

Functions

- * This series is designed as a stabilized power supply with electronic current limiting. The electronic output stage of these chargers consists of a high quality integrated power regulator with thermal overload protection.
- * Powerful heat sinks ensure efficient dissipation of operating heat (max 80°C)
- * The output voltage is 14.2V DC. The output is short circuit proof.
- * The hum component is close to zero.
- * Mains fluctuations from -15% to +10% are fully regulated.
- * Safety transformers according to VDE regulations are used.
- * These devices are in constant charging standby provided they are connected to a 220V mains supply.
- * The charging current depends on the battery terminal voltage. This means: as soon as the battery voltage drops below 14.2V under load, the charger automatically starts charging. The charging current is regulated automatically (high charging current at high load and low charging current at low load).
- * As these devices do not generate any AC voltages the charging efficiency is very high. This ensures a gentle charge of the battery. Harmful overcharging of the battery is avoided. Whenever possible, the device should be connected to the mains so that they can constantly charge the battery. This keeps the battery in optimal condition.
- * Please observe the prescribed cross section of the wires (2.5mm² - 6mm²).



Operation

- * No special operation or maintenance is required.
- * Check the battery acid level regularly (as with a car).
- * Ensure that the battery is switched on continuously to avoid deep battery discharge.
- * Ensure good ventilation.

Technical data

Device	Charging Current (Amps)	Cable cross-section	Battery Capacity (Ah)	Weight (kg)
LA 50	4/6	2.5	under 45	2.7
LA 75	5/7	2.5-4	45-70	3.6
LA 150	10/14	4-6	70-100	8
LA 250	15/21	6	over 100	11