

Battery Charger

for Rail Vehicles



safe | charging | supply

Batteries installed in vehicles often have to be recharged from the secondary distribution network while the vehicle is stationary. There are other consumers which also have to be supplied with power.

The battery charging sets are mounted in the rail vehicles themselves, thus guaranteeing recharging and power supply - any time, any place.

User-specific charging parameters can be set thanks to the integrated control system.

Features

- Power factor correction
- Electrical isolation between power input and battery
- Charging current and state of charge display
- Temperature-dependent charging voltage correction
- Parallel connection possible

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Technical Data

Type	Nominal Battery Voltage	Maximum Current
EBG 230/1LE 024D-40	24 V	40 A
EBG 230/1LE 024D-60	24 V	60 A
EBG 230/1LE 024D-100	24 V	100 A
EBG 230/1LE 096D-15	96 V	15 A
EBG 230/1LE 096D-20	96 V	20 A
EBG 230/1LE 108D-15	108 V	15 A
EBG 230/1LE 108D-20	108 V	20 A
EBG 230/1LE 112D-15	112 V	15 A
EBG 230/1LE 112D-20	112 V	20 A
EBG 115/1LE 064D-20	64 V	20 A
LGW 110-020	96 ... 112V	20 A

Input Voltage Range 230V 1AC + 10 % / - 20 % (115 V +10 / -20 % for EBG 115)

Input Frequency Range 16,7 ... 66 Hz

Input Current Maximum 16 A

Powerfactor approx. 1

Charging Profiles Micro Processor Controlled, Factory - Set, Temperature controlled Battery Voltage Adjustment

Protection Classification IP 20 / IP 54

Protection Input Current Limiting, Output Voltage Limiting, Protection against Overload, Short-Circuit, Reverse Battery Voltage, Overtemperature

A.S.T. Leistungselektronik GmbH
Brook-Taylor-Str. 10
D-12489 Berlin

Tel.: ++49 / 30 / 6392 5700
Fax: ++49 / 30 / 6392 5709
le @ ast.de

www.ast.de