

PR BX

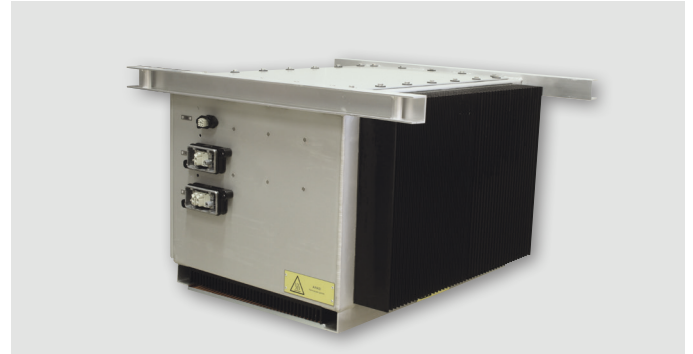
POWERBOX **Railway Line**
 ENR10000 Series
 20-150VDC
 2-30kW
 Battery Charger Family

Standard Features

- Separate charging output with independent adjustable current limiting.
- Charging characteristics for Lead Acid and NiCa batteries.
- Softstart by electronic inrush current limiting.
- Thermal shut down at max 90°C with automatic recovery.
- Output short-circuit protected.
- Output overvoltage protected.
- Unit switch of at input under/overvoltage with automatic recovery.
- Terminal block termination.
- Safety compliance acc to EN50155.
- EMC Compliance acc to EN50121-2-1.
- Environmental compliance acc to EN50155.
- Operating temperature -40°C - +70°C .
(normal load derating 2.5% / °C from +55°C).
- Mechanical strength acc. to IEC61373 Cat. 1 Class B.

Optional Features

- Temperature compensated charging with external sensor.
- Fan or convection cooling depending on protection class and mounting.
- Charger fail alarm output.
- Decoupling diode in DC output.
- Connector terminations.
- Adjustable charging voltage.



Specifications

Input	AC 1 or 3 phase, 230 to 400VAC nominal 16,7 - 60 Hz.
Output Range	20-150VDC.
Output Power	2-30kW.
Protection	IP 20 – IP55.
Max Current	250 Amp.

Block Diagram

