

# ENI-SBERS/20 Energy Recuperation System

## APPLICATION



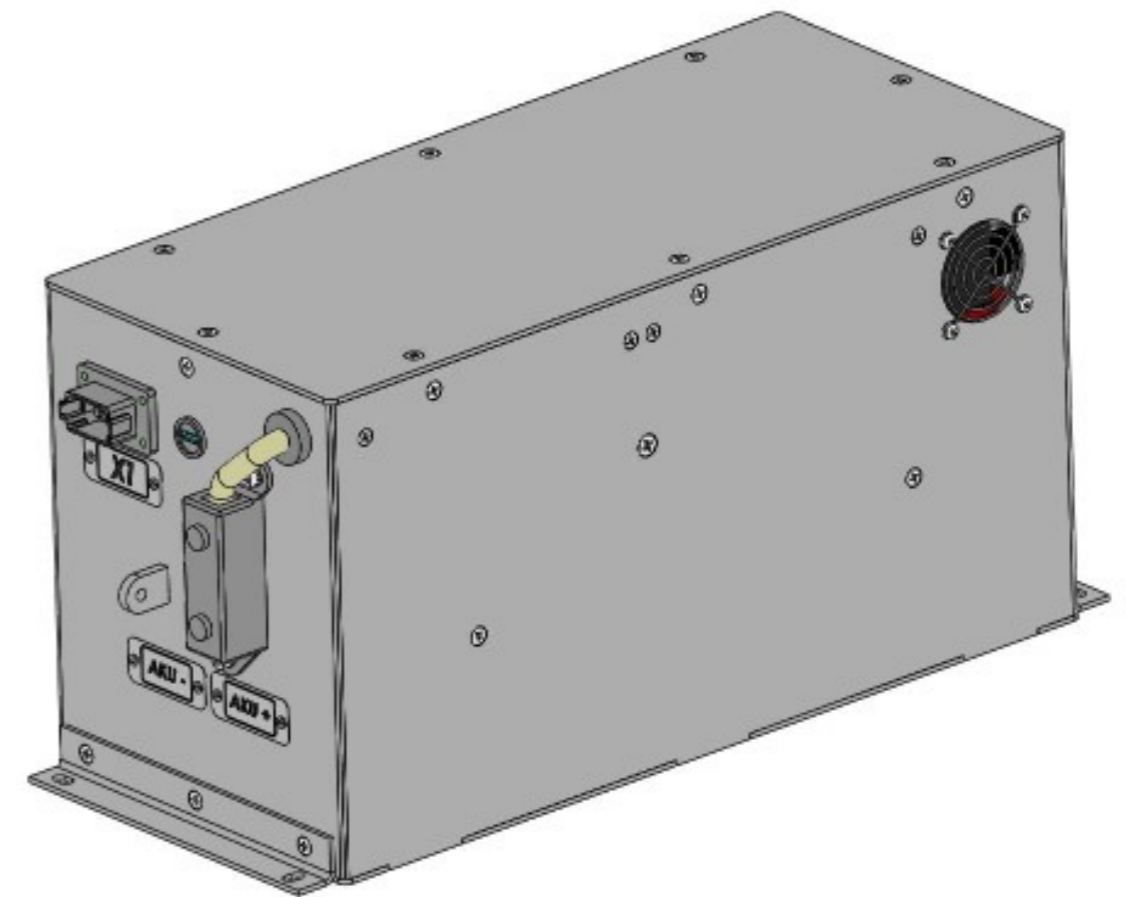
The ENI-SBERS/20 energy recuperation system is intended for installation in vehicles with diesel engines, mainly public transport buses.

The ENI-SBERS/20 energy recuperation system provides:

- Conversion of the kinetic energy from vehicle braking into electric energy (through the existing alternator),
- Storage of the electrical energy, using the built-in supercapacitor storage,
- Transfer of energy from the storage to the vehicle's on-board electrical network (relieving the existing alternator).

The ENI-SBERS/20 system ensures:

- Fuel consumption reduced by approx. 3%\*,
- Extended life of the traction batteries by limiting the maximum current drawn from the batteries during diesel engine starts,
- Increased operational readiness of the vehicle by avoiding excessive discharge of the traction batteries.



## SPECIFICATION

TYPE	ENI-SBERS/20
Output voltage	28 V <sub>DC</sub>
Direct current U <sub>24</sub>	120 A
SCAP Energy	20 WH
Maximum current U <sub>24</sub>	20 A (20s)
Weight	35 kg
Housing	RAL 7035, IP21
Ambient temperature	-25°C ÷ +50°C