



High power energy storage system with Active Front-End

Applications

- Low power AC infeed with peak shaving
- Powerful boosting up to 300kW
- Braking energy recuperation
- Stabilization of DC Grid
- Stabilizing power grid

Features

- 100kW AFE (infeed) 400VAC, 480VAC or 690 VAC
- 300kW peak DCDC Converter
- Scalable modular Energy Storage System (> 600Wh)
- 19 inch based Cell-Packs (5 units in serial)
- Optional: 60kW Chopper function
- Cooling method: water or air;
- Single control unit based at Can and Profinet
- Including EMC filter
- AC & DC pre-charge, Discharge control, 24V power, switches and fuses

Mechanical Data

Height x Width x Depth
2000 x 1200 x 600 mm
Approx. 650 kg

Certified by DN

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