

Power Convertive System (1500V)

1500Vdc Containerized Energy Storage & Transformer Turnkey System

BCS2500K~3450K-B-HUD/T



Product Features

Highly integrated

- Efficient layout to improve space utilization
- Secondary circuit integration, unified measurement, protection and communication
- Integrated design of “converter” and “step-up” to realize the integrated delivery of products

Lean intelligence

- Unified external communication interface, support IEC61850
- Integrated data acquisition and optical fiber network, intelligent operation management
- H/LVRT function, high adaptation ability to the grid

Efficient and stable

- Advanced ANPC three-level topology, max. converter efficiency 99.03%
- Adapt to high temperature, salt, and extreme cold etc. environment
- 1.1 times long-term overload, 45°C full load operation

Flexible configuration

- Support multi-machine parallel connection, VSG, PQ, VF, cold start and other functions
- Wide DC voltage range for 1500V system
- Various applications such as peak shaving, frequency modulation, auxiliary grid connection for new energy system, etc.

Function Diagram

