

# Power Convertive System (1000V)

## Containerized energy Storage & Transformer Turnkey System

BCS1000K~2500K-B/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, rapid deployment and debugging
- Integrated data acquisition and optical fiber network, intelligent operation management
- H/LVRT function, high adaptation ability to the grid

#### Efficient and stable

- Three-level topology, max. converter efficiency 99%
- Compatible with multi types of step-up transformer including 35kV system and below 35kV system
- 1.1 times long-term overload, 50°C full load operation

#### Flexible configuration

- Support multi-machine parallel connection, PQ, VF and other functions
- Wide DC voltage range for 1000V system
- Various applications such as peak shaving, frequency modulation, auxiliary grid connection for new energy system, etc.

### Function Diagram

