

Centralized Boost Integrated Cabin

35/5000

(customized voltage
1000-5000kVA)



Features:

- Highly Integrated Equipment
- Integrated Functionality
- Efficient Energy Conversion
- Stable Voltage Output
- Sturdy and Safe Structure
- Comprehensive Safety Protection
- Quick and Easy Installation
- Intelligent Operation and Maintenance

Technical Specifications:

Item		Parameters
DC Side Parameters	Maximum DC Bus Voltage	1500V
	Maximum DC Side Current	2584A*2
	DC Voltage Operating Range	1000~1500V
	Number of DC Input Circuits	4
AC Side Parameters	Rated Power	5000kW
	Branch Power * Quantity	2500kW*2
	Maximum Output Power	6000kW(1min)
	Isolation Method	Transformer Isolation
Grid Connection Operation Parameters	Rated Grid Voltage	35kV
	Rated Grid Frequency	50Hz/60Hz
	Total Harmonic Distortion	<3%
Transformer Parameters	Power Factor	-1~1
	Rated Capacity	5000kVA
	Transformer Type	Dry-Type/Oil-Immersed Transformer
System Parameters	LV/MV Voltage	0.69/35kV
	Allowable Ambient Temperature	-30℃~+60℃ (Derating above 45℃)
	Allowable Relative Humidity	100%
	Allowable Altitude	<5000m(Derating above 3000m)
	Protection Level	IP54
	BMS Communication Interface	RS485
	EMS Communication Interface	Ethernet
	Communication Protocol	Modbus RTU/Modbus TCP/IEC104/IEC61850
	Compliance Standards	GB/T 34120, GB/T 34133, GB/T 36547
	Grid Support	High/Low Voltage Ride-Through Function, Frequency Regulation Function, Voltage Regulation Function, Network Configuration Function, etc.