



10GP ESS Micro-Grid Applicable Modular Solution | All-in-One

Key Features



HIGHLY INTEGRATED

- ALL-IN-ONE Design Concept
- High Space Utilization, Small Footprint
- Integrated Transportation, Convenient Installation



ULTIMATE SAFETY

- Comprehensive Safety Monitoring of Cells
- Intelligent Thermal Management
- Redundant Fire Protection Design



FLEXIBLE CONFIGURATION

- Modular Design
- Flexible Configuration
- Max 5 Parallel/Group



INTELLIGENT COLLABORATION

- Small Scale I&C
- Intelligent, Digital BMS and EMS
- Cloud Platform, Fast Power Response

PARAMETER

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System Parameter	
Model	BSC-CB10250K0430K-GS
Rated Power	250kW
Overload Capacity	275kVA
Rated Energy	430kWh
On-grid Voltage	400Vac(±15%)
On-grid Frequency	50/60Hz(±2.5)
Power Factor	0.99/-1~1
Battery Voltage Range	600~900Vdc
Basic Parameters	
Life Cycle	≥8000*
Isolation Method	Isolation Transformer(optional)
On/Off-grid Switching	STS(optional)
Cooling Method	Intelligent Air Cooling
Noise	<75dB
IP Class	IP55
Allowable Altitude	3000m(> 3000m derating)
Allowable Ambient Temperature	-20°C~55°C(> 45°C derating)
Allowable Relative Humidity	0 ~95% (no condensation)
Dimension (L*W*H)	2991*2438*2596mm
Weight	≈7t
Communicate	
Communication Interface	Ethernet
Communication Protocol	MQTT, IEC104
Authentication	
Certification Report	IEC62619/ IEC62477/ IEC61000/UN38.3

*Note: 25±2°C ambient temperature, 0.5P charge/discharge, cycle times of not less than 8000@70%SOH.



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