



# 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



### FLEXIBLE CONFIGURATION

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



### ULTIMATE SAFETY

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



### INTELLIGENT COLLABORATION

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

# PARAMETER

## PARAMETERS

System Parameter	
Model	BSC-CB10250K0430K-GS
Rated Power	250kW
Overload Capacity	275kVA
Rated Electric Quantity	430kWh
Grid Voltage	400 Vac (±15%)
Rated Frequency	50/60 Hz (±2.5)
Power Factor	0.99/-1~1
Voltage Range	600~900Vdc
Basic Parameters	
Cycle Life	≥8000*
Isolation Method	Isolation Transformer(Optional )
On/Off Grid Switching	STS(Optional)
Cooling Method	Intelligent Air Cooling
Noise	<75dB
Protection Grade	IP55
Maximum Altitude	< 3000m(≥ 3000m Derating)
Operating Temperature Range	-20 ℃ ~ 55 ℃
Relative Humidity	5 ~95% (No Condensation)
Size(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: At an ambient temperature of  $25 \pm 2$  °C, 0.5P charging and discharging, the cycle life of system  $\geq 8000@70$  %SOH.



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## 20HC 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
- Multi-machine Parallel



#### INTELLIGENT COLLABORATION

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

# PARAMETER

## PARAMETERS

System Parameter	
Model	BSC-CB10500K1075K-GS
Rated Power	500kW
Overload Capacity	550kVA
Rated Electric Quantity	1075kWh
Grid Voltage	380/400 Vac (±15%)
Rated Frequency	50/60 Hz (±2.5)
Power Factor	0.99/-1~1
Voltage Range	600~900 Vdc
Basic Parameters	
Cycle Life	≥8000*
Isolation Method	Isolation Transformer(Optional)
On/Off Grid Switching	STS(Optional)
Cooling Method	Intelligent Air Cooling
Noise	<75dB
Protection Grade	IP55
Maximum Altitude	< 3000m(≥ 3000m Derating)
Operating Temperature Range	-20 °C ~ 55 °C
Relative Humidity	5 ~95% (No Condensation)
Size(L*W*H)	6058*2438*2896mm
Weight	≈ 18t
Communicate	
Communication Interface	Ethernet
Communication Protocol	MQTT, IEC104
Authentication	
Certification Report	IEC62619/ IEC62477/ IEC61000/UN38.3

\*Note: At an ambient temperature of  $25 \pm 2$  °C, 0.5P charging and discharging, the cycle life of system  $\geq 8000@70$  %SOH.



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## CD-50 PV&DG Micro-Grid Applicable Outdoor Cabinet | All-in-One

### Key Features



#### HIGHLY INTEGRATED

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



#### FLEXIBLE CONFIGURATION

- Flexible Energy Management and Response
- Supporting 4 Parallel Machines
- PV, Diesel Generator (Power Grid), Load



#### ULTIMATE SAFETY

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



#### INTELLIGENT COLLABORATION

- Off Grid Rural, Islands, Oil Wells
- Peak Shaving and Valley Filling, Uninterrupted Power Supply
- Cloud Platform+Cloud Monitoring+Mault Diagnosis

# PARAMETER

## PARAMETERS

Parameter	C&I ESS
Model	BSC-FC2050K200K-GS
Rated Power	50kW
Rated Electric Quantity	200kWh
Floor Area Lequired	≈3 m <sup>2</sup>
Dimension(W*H*D)	2130*2250*1400 mm
Weight	≈3t
Output Voltage	380/400 Vac (±15% )
Nominal Frequency	50/60 Hz (±2.5 )
Cycle Life	≥8000*
Protection Grade	IP55
Allowable Altitude	< 3000m(≥ 3000m Derating)

\*Note: At an ambient temperature of  $25 \pm 2$  °C, 0.5P charging and discharging, the cycle life of system  $\geq 8000@70$  %SOH.



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