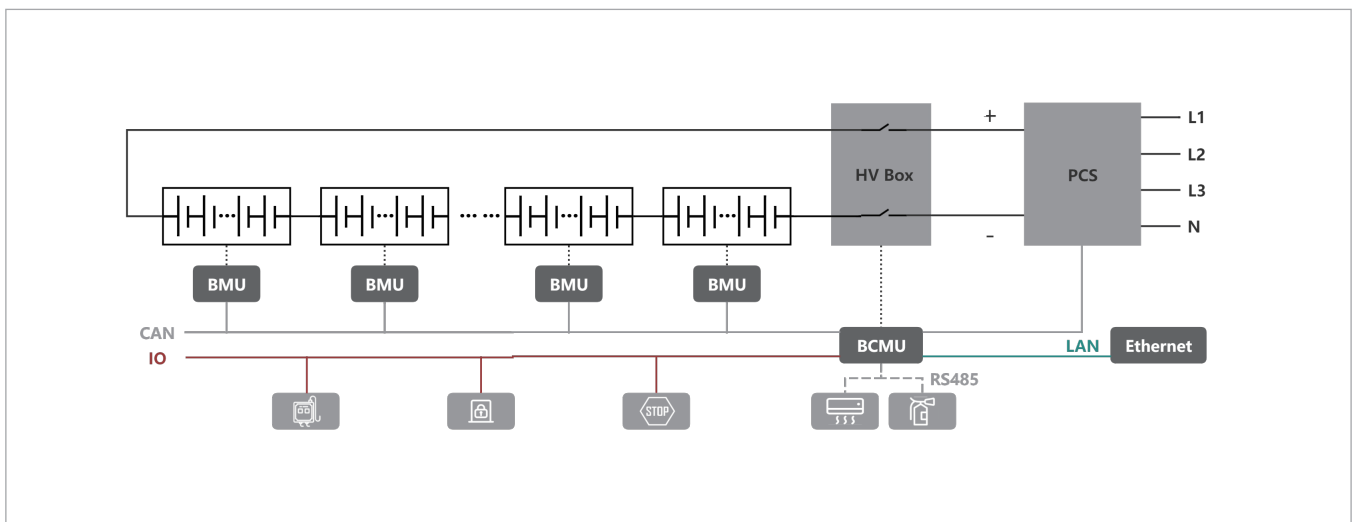


CE2-105 Micro-Grid ESS



- Max. 100% DOD, Life Cycle 8000+
- 65dB Low Noise Operation
- -30 to +55°C Wide-Temperature Operation
- Standard C5 High Anti-Corrosion Degree
- Breathing Detection + Redundant Analysis
- Support $\geq 4\text{MWh}$ Parallel Operation
- Easy Parallel Configuration without External Combination Equipment

CIRCUIT DIAGRAM



PARAMETER

PARAMETERS

Product Model	BSC-CE2-0105K0215K	BSC-CE2-0105K0200K
DC Parameters		
Battery Cell	LFP 3.2V/280Ah	
Rated Charge/Discharge Current	140A	
Charge/Discharge Ratio	0.5P	
Configuration	240S1P	224S1P
Rated Energy	215kWh	200kWh
Rated Voltage	768V	716.8V
Voltage Range	672~864V	627~806V
AC Parameters		
Rated Power	105kW	100kW
Max. Power	115kW	110kW
Max. Current	167A	158A
Wiring Method	3P+N+PE	
AC Voltage	400V	
AC Voltage Range	-15%~15%	
Rated Grid Frequency	50/60Hz	
Power Factor	-1 (leading) ~ 1 (lagging)	
System Parameters		
Noise	65dB	
IP Class	IP55	
Anti-corrosion Degree	C5	
Allowable Altitude	3000m (>2000m derating)	
Allowable Ambient Temperature	-30°C~55°C (>45°C derating)	
Allowable Relative Humidity	0%~95% (no condensation)	
Cooling Method	Air-cooling	
Fire Protection System	Aerosol + water fire protection	
Communication Protocols	MQTT, IEC104, Modbus TCP/IP	
Dimension (W*H*D)	1680*2250*1250mm	
Weight	≈2700kg	≈2600kg



BESCORE NEW ENERGY TECHNOLOGY (QINGDAO) CO.,LTD.

Address: Block A, International Innovation Park, Keyuan Weiyi Road, Laoshan District, Qingdao, Shandong, China

Tel: (086)-0532-88036767

Website: www.bescore-ess.com