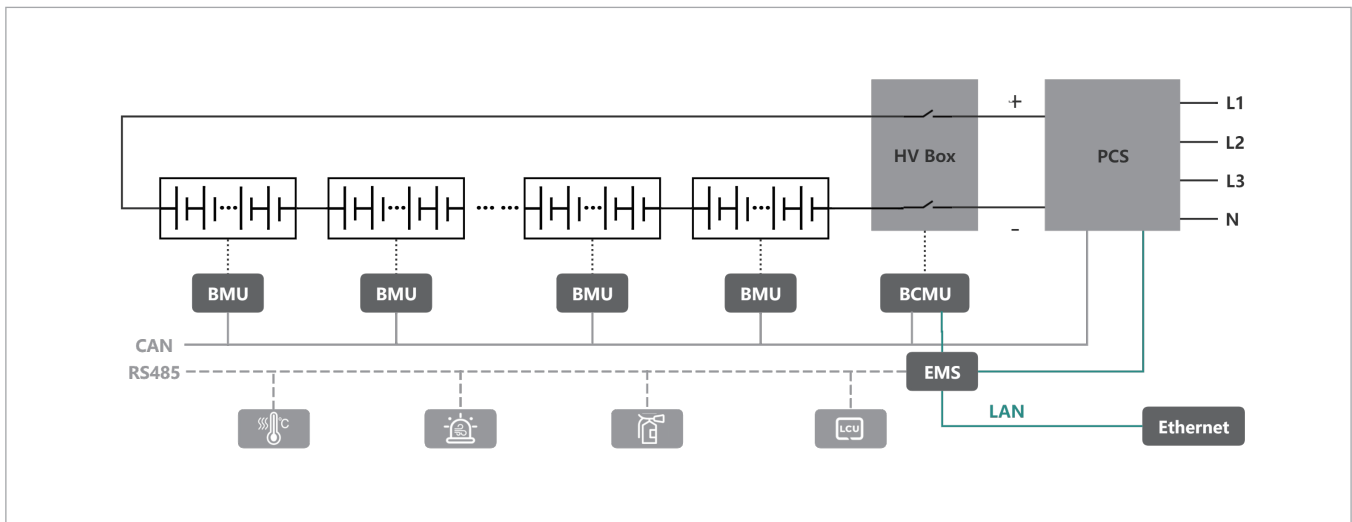




# CB4-125 C&I ESS

- DC-Side Temperature Difference Controlled within  $\pm 1.5^{\circ}\text{C}$
- Supports 120% Overload
- PACK-Level Fire Suppression + Multi-Stage Fusing
- Cabinet Withstands  $1600^{\circ}\text{C}$ , Explosion-Proof & Fire-Resistant
- Side-by-Side Installation without Distance
- Supports 4MWh Parallel Operation
- Breathing Detection + Redundant Analysis
- Standard C5 High Anti-Corrosion Degree

## CIRCUIT DIAGRAM



# PARAMETER

## PARAMETERS

| Product Model                  | BSC-CB4-0125K0261K              |
|--------------------------------|---------------------------------|
| <b>DC Parameters</b>           |                                 |
| Battery Cell                   | LFP 3.2V/314Ah                  |
| Rated Charge/Discharge Current | 157A                            |
| Charge/Discharge Ratio         | 0.5P                            |
| Configuration                  | 260S1P                          |
| Rated Energy                   | 261kWh                          |
| Rated Voltage                  | 832Vdc                          |
| Voltage Range                  | 728~936Vdc                      |
| <b>AC Parameters</b>           |                                 |
| Rated Power                    | 125kW                           |
| Max. Power                     | 150kW                           |
| Max. Current                   | 216A                            |
| Wiring Method                  | 3P+N+PE                         |
| AC Voltage                     | 400V                            |
| AC Voltage Range               | -15%~10%                        |
| Rated Grid Frequency           | 50/60Hz                         |
| Power Factor                   | -1 (leading) ~ 1 (lagging)      |
| <b>System Parameters</b>       |                                 |
| IP Class                       | IP55                            |
| Anti-corrosion Degree          | C5                              |
| Allowable Altitude             | 3000m (>2000m derating)         |
| Allowable Ambient Temperature  | -30°C~50°C (>45°C derating)     |
| Allowable Relative Humidity    | 0%~95% (no condensation)        |
| Cooling Method                 | Liquid-cooling                  |
| Fire Protection System         | Aerosol + water fire protection |
| Communication Interface        | CAN, Ethernet, 485              |
| Dimension (W*H*D)              | 989*2471.5*1465mm               |
| Weight                         | ≈2800kg                         |



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