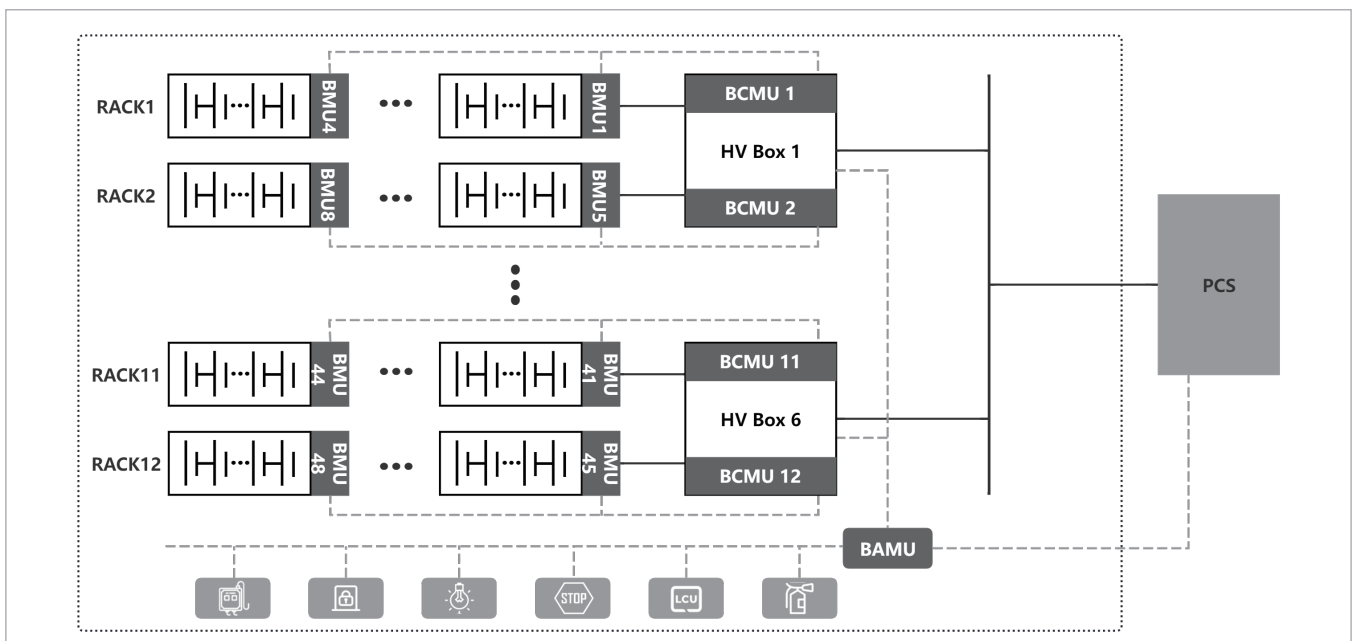




CS3-5000 20HC Battery Compartment

- Higher Thermal Management Efficiency
- $\leq 2^{\circ}\text{C}$ Liquid-Cooled Pack Temp Differential
- Three-Level Fire Protection Design
- Explosion-Proof Active Ventilation + Top Explosion Relief Design
- High IP Class, System IP55, PACK IP67
- Energy Density Increased by $>50\%$
- Over 50% Footprint Cost Reduction
- EU & US Certified: IEC 62619, IEC 62477, IEC 62933, UL 9540, UL 9540A, UL 1973, NFPA 855, etc.

CIRCUIT DIAGRAM



PARAMETER

PARAMETERS

Product Model	BSC-CS3-2000K3300K	BSC-CS3-2000K3700K	BSC-CS3-2500K4000K	BSC-CS3-2500K4600K	BSC-CS3-2500K5000K
DC Parameters					
Battery Cell	LFP 3.2V/314Ah				
Charge/Discharge Ratio	0.5P				
Rated Voltage	1331.2Vdc				
Voltage Range	1081.6Vdc~1497.6Vdc				
Max. DOD	0%~100%				
Recommended DOD	5%~95%				
Rated Charge/Discharge Current	1256A	1413A	1570A	1727A	1884A
Max. Charge/Discharge Current	1544A	1737A	1930A	2123A	2316A
Configuration	416S8P	416S9P	416S10P	416S11P	416S12P
Rated Energy	3344kWh	3762kWh	4180kWh	4598kWh	5016kWh
System Parameters					
Noise	<75dB				
IP Class	IP55				
Anti-corrosion Degree	C5				
Allowable Altitude	4000m (>2000m derating)				
Allowable Ambient Temperature	-20°C~55°C (>45°C derating)				
Allowable Relative Humidity	0%~95% (no condensation)				
Cooling Method	Liquid-cooling				
Fire Protection System	Aerosol + water fire protection				
Dimension (W*H*D)	6058*2896*2438mm				
Weight	≈32.8t	≈35.6t	≈38.5t	≈41.2t	≈44t



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