

eBASE 100/140KWH C&I



Support on-grid and off-grid systems.



Equipped with fire protection system.



The electrodes and busbars are designed with plastic slots to prevent leakage.



Built-in air-conditioning, balanced temperature.



Multiple protection.



eBASE 100/140KWH C&I

PRODUCT NAME	eBASE 50KW/100KWH C&I	eBASE 60KW/140KWH C&I
PRODUCT MODEL	SH50KB100K-EU	SH60KB140K-EU
● General Specifications		
Cell	LFP-3.2V-314Ah	
System Nominal Capacity	100.48kWh	140.67kWh
Voltage Range	280-360VDC	392-504VDC
Rated Charge/Discharge Ratio	0.5C@ 25°C	
Battery Cluster Grouping Method	1P100S	1P140S
Cycle Life	≥ 8,000 times	
● AC Parameters (Grid-connected)		
Rated Power	75kW	90kW
Voltage Range Rn The Grid Side	400Vac (-20~15%)	
Wiring Method	3P+N+PE	
Rated Current	108A	130A
Rated Grid Frequency	50/60Hz	
Total Current Waveform Distortion Rate	<3% (Rated power)	
Power Factor	-1 (ahead) to 1 (lagging)	
Switching Time	<10ms	
● AC Parameters (Off-grid)		
Rated Power	50kW	60kW
AC Off-grid Voltage	400Vac	
Maximum Alternating Current	80A	90A
Rated Grid Frequency	50/60Hz	
Three-phase Unbalance Degree	100%	
● PV Parameters		
Maximum Rated Power	38.4kW+38.4kW	
Input Voltage Range	250~800Vdc	
Maximum Input Current	64A+64A	
Short-circuit Current	70.5A+70.5A	
● System Parameters		
Weight	1700kg	1900kg
Dimensions(L*W*H)	1370*1000*2080mm	
Maximum Efficiency	≥86%, Communication side, 25±2°C,0.5C	
Air Conditioning Power	2kW(cooling), 1kW(heating)	
Discharge Temperature	0~50°C	
Charge Temperature	-15~50°C	
Humidity	5~95%(No condensation)	
Protection Grade	IP54	
Anti-corrosion Grade	C3	
Cooling Method	Intelligent air cooling	
Noise	≤70dB	
Altitude	≤2000m	
Fire Protection	Aerosol	
Communication	Ethernet/WIFI/4G	
Certification	IEC 62619, UN38.3, IEC 62477,IEC61000	