RESIDENTIAL ESS SOLUTION



Cal-Box-LV5.12 Cal-Box-LV10.24

Easy
APP-friendly operating interface;

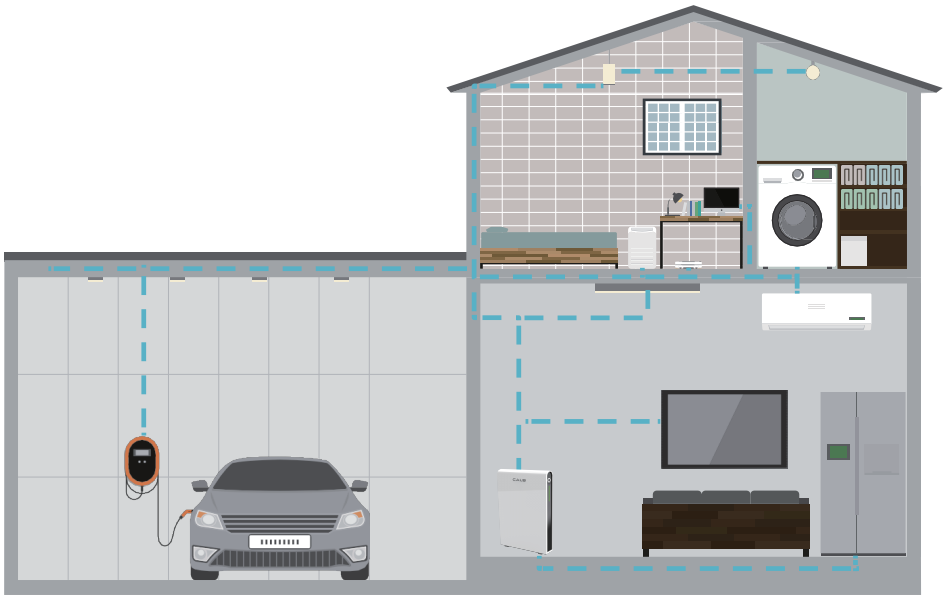
High Return Rate
Reduce procurement costs and electricity bills;

High Compatibility
Suitable for mainstream inverters;

High Safety
Multi-protection design to ensure safety;

Standard modular product series-parallel connection capacity expansion to meet the market demand for a variety of electric quantities, and wide applications in





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Commercial Name	Cal-Box-LV5.12	Cal-Box-LV10.24
Product Model	C160F100A-1P16SA	C160F100A-2P16SA
Nominal energy	5.12kWh	10.24kWh
Cell Capacity	100Ah	
Nominal voltage	51.2V	
Operational Voltage	44.8~56.8V	
Nominal Charge Current	50A	100A
Nominal Discharge Current	100A	100A
Nominal Charge Power	2.56kW	5.12kW
Nominal Discharge Power	5.12kW	5.12kW
Max. Charge/ Discharge Current	100A	
Operating temperature	-5℃~55℃(Charing) -20℃~55℃(Discharing)	
Warehousing Condition	-10~45℃; Storage time less than 6 months, the battery needs recharged if exceed 6 months	
Communication	CAN/RS485	
Cycle life	>6000	
Warranty	10 years	
IP	IP65	
Depth of Discharge	95%	
Ambient humidity	≤95%	
Altitude	≤3000m	
Product Extensibility	system supports simultaneous use of a maximum of 16 battery packs	
Dimension (W*D*H)	500x150x745mm (Not included connector)	600x150x1015mm (Not included connector)
Weight	~55kg	~100 kg
Certification	IEC62619/IEC63056/IEC60730/IEC/EN 62477 /EMC IEC/EN 61000CE-RED/CE-ROHS/UN38.3	

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