

F08 SERIES Wall Mount

Household Energy Storage Sodium Battery



Product Introduction

This product features a wall-mounted arc design, presenting an elegant and aesthetically pleasing appearance. It is compatible with the communication protocols of all major inverters in the market. Equipped with comprehensive and multi-level battery protection strategies and fault isolation measures, it ensures the safe operation of the system. Widely applied in home energy storage systems, it delivers an exceptional power-using experience to users.



Ultra-high energy density design saves user space



Bluetooth configuration, flexible adjustment of power demand



Massive protocol library, supporting all mainstream inverter models on the market



Supports 20 units in parallel to meet the power needs of users



Standard LCD screen, direct selection of inverter communication protocol on the screen



Model: WKC	F08-51.350	F08-51.3100
Nominal Voltage (V)	51.3	
Cell Specification (Ah)	50	50
Nominal Capacity (Ah)	50	100
Nominal Energy (kWh)	2.565	5.13
Operating Voltage Range (V)	36-60	
Recommended Charging Voltage (V)	60	
Recommended Discharge Cut-off Voltage (V)	39.6	
Maximum Charging Current (A)	50	100
Maximum Discharging Current (A)	100	200
Cycle Life	8000 cycles (0.5C, 90% DOD, 25±2°C)	
Enclosure Dimensions (W*D*H) mm	380*148*615	550*148*780
Weight (kg)	43.2	81.5
Communication Method	CAN/RS485/Bluetooth/Wi-Fi	
Number of Parallel Units	20 units	
Permissible Humidity Range (%RH)	15~85	
Storage Ambient Temperature (°C)	-20~60 (Recommended 10~35)	
Charging Ambient Temperature (°C)	0~55 (Recommended 10~35)	
Discharging Ambient Temperature (°C)	-40~60 (Recommended 10~35)	
Altitude (m)	<3000	
Protection Rating	IP20	
Cooling Method	Natural air cooling	
Operating Conditions	Indoor use	
Protection Method	Overvoltage, undervoltage, pressure differential, overtemperature, capacity, short circuit, communication failure, etc.	
Certification	UN38.3, MSDS, CE	

Note: The above data are for reference. In case of any changes, no further notice will be given. For special customization requirements, please contact the equipment manufacturer.