

F08 SERIES Rack-mounted

Household Energy Storage Sodium Battery



Product Introduction

The product adopts a rack-mounted design and is compatible with all mainstream inverter communication protocols on the market. It adopts a comprehensive and multi-level battery protection strategy and fault isolation measures to ensure the safe operation of the system. Featuring high-rate discharge and ultra-low temperature operation capabilities, it is widely used in intelligent computing centers, communication backup power, low-temperature environments and household energy storage systems, providing users with an excellent power experience.



Ultra-wide operating temperature range



Bluetooth configuration, flexibly adjust power requirements



Massive protocol library supporting all mainstream inverter models on the market

20
Parallel

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



Ultra-high rate discharge characteristics



Model: WKC
Nominal Voltage (V)
Cell Specification (Ah)
Nominal Capacity (Ah)
Nominal Energy (kWh)
Operating Voltage Range (V)
Recommended Charging Voltage (V)
Recommended Discharge Cut-off Voltage (V)
Maximum Charging Current (A)
Maximum Discharging Current (A)
Cycle Life
Enclosure Dimensions (W*D*H) mm
Weight (kg)
Communication Method
Number of Parallel Units
Permissible Humidity Range (%RH)
Storage Ambient Temperature (°C)
Charging Ambient Temperature (°C)
Discharging Ambient Temperature (°C)
Altitude (m)
Protection Rating
Cooling Method
Operating Conditions
Protection Method
Certification

F08-51.350	F08-51.3100	F08-51.3170
	51.3	
50	50	170
50	100	170
2.565	5.13	8.72
	36-60	
	60	
	39.6	
50	100	150
100	200	200
	8000 cycles (0.5C, 90% DOD, 25±2°C)	
440*550*140	560*800*140	440*780*235
45	80.5	125
	CAN/RS485/Bluetooth/Wi-Fi	
	20 units	
	15~85	
	-20~60 (Recommended 10~35)	
	0~55 (Recommended 10~35)	
	-40~60 (Recommended 10~35)	
	<3000	
	IP20	
	Natural air cooling	
	Indoor use	
	Overvoltage, undervoltage, pressure differential, overtemperature, capacity, short circuit, communication failure, etc.	
	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.