

FNa02 Series Rack-mounted

Household Energy Storage Sodium Battery



Product Introduction

The product features a rack-mount design compatible with 19-inch cabinets; supports all mainstream inverter communication protocols on the market; and employs comprehensive, multi-level battery protection strategies and fault isolation measures to ensure safe system operation. Widely used in communication backup power applications and home energy storage systems, it delivers an exceptional power usage experience for users.



Ultra-high energy density design saves user space



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

19 in

Can be built into a 19-inch rack



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

FNa02-4850	FNa02-48100	FNa02-48170
48.45		
50	50	170
50	100	170
2.422	4.845	8.236
34-57.8		
57.8		
37.4		
50	100	150
100	200	200
8,000 cycles (0.5C, 90% DOD, 25±2°C)		
440*550*140	560*800*140	440*780*235
42.5	80.5	100.5
CAN/RS485/Bluetooth/WiFi		
20 units		
15-85		
-20~60 (Recommended 10~35)		
0~50 (Recommended 10~35)		
-10~60 (Recommended 10~35)		
<3000		
IP20		
Natural air cooling		
Indoor		
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.