

B03 SERIES High-Voltage

Lithium Iron Phosphate Battery Pack



Product Introduction

The product features a bracket-mounted design, enabling flexible installation and easy system expansion. It employs comprehensive, multi-level battery protection strategies and fault isolation measures to ensure safe system operation. The LCD touchscreen and cloud-based service configuration enhance operational efficiency and convenience, delivering an exceptional user experience.



Ultra-high energy density design saves user space



Cloud Services: Making Operations More Efficient and Convenient



4.3-inch LCD touchscreen Real-time display of system information



Flexible installation, easy expansion



Model: WKC
Module Nominal Voltage (V)
Module Capacity (Ah)
Module Energy (kWh)
Number of Battery Modules
System Nominal Voltage (V)
System Energy (kWh)
Operating Voltage Range (V)
Maximum Charging Current (A)
Maximum Discharging Current (A)
Recommended Depth of Discharge
Cycle Life
Enclosure Dimensions (W*D*H) mm
Weight (kg)
Communication Method
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

B03-16.08*4	B03-16.08*6	B03-16.08*10	B03-16.08*15
51.2			
314			
16.08			
4(Min)	6	10	15(Max)
204.8	307.2	512	768
64.3	96.46	160.76	241.15
179.2~233.6	268.8~350.4	448~584	672~876
150			
150			
90%			
6000 cycles (0.5C, 80% DOD, 25°C)			
520*818*1405	(520*2)*818*1180	(520*3)*818*1180	(520*4)*818*1180
520	760	1240	1840
CAN/RS485			
15~85			
0~45 (Recommended 10~35)			
0~50 (Recommended 10~35)			
-10~60 (Recommended 10~35)			
< 3000			
IP20			
Forced 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.