

B01 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)
Recommended Discharge Current (A)
Maximum Discharge 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

B01-5.12*4		B01-5.12*10	B01-5.12*15
		51.2	
		100	
		5.12	
4(Min)		10	15(Max)
204.8		512	768
20.48		51.2	76.8
179.2~233.6		448~584	672~876
		50	
		50	
		100(15~30°C)	
		90%	
		6000 times (0.5C, 80%DOD, 25°C)	
550*440*790		(550*2)*440*950	(550*2)*440*1430
205		475	700
		CAN/RS485	
		15~85	
		0~45(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.