



Energy Storage Battery Cabinet

Product Highlights:

The battery cabinet is the energy storage part of the energy storage system. It uses high-quality lithium iron phosphate batteries, which have long life and high reliability. A single set of energy storage system can be configured with multiple sets of battery cabinets, and each battery cabinet is independently connected to the power conversion module in the power cabinet, without the hidden danger of circulating current. The battery cabinet is small in size, flexible in capacity configuration, and convenient for distributed deployment.

category	IBS215K1KC	IBS200K1KC	IBS186K1KC
environmental conditions			
Operating temperature	- 20℃ ~ + 50℃		
Relative humidity	≤95%, no condensation		
Altitude	2000m, 2000mThe above needs to be derated		
Atmospheric pressure	79kPa ~ 106kPa		
Application Scenario	outdoor		
Basic parameters			
Battery Type	Lithium iron phosphate (LFP) /280Ah		
Rated Capacity	215kWh	200kWh	186kWh
Rated voltage	768V	716.8V	665.6V
Working voltage range	672V-864V	627.2V-806.4V	582.4V-748.8V
Battery PACK Quantity	15	14	13
Battery charge and discharge times	≥ 6000 times		
Rated charging current	140A(0.5C, actually follow the system control strategy)		
Rated discharge current	140A(0.5C, actually follow the system control strategy)		
other			
noise	≤70dB		
Fire Fighting System	Heptafluoropropane/active warning		
Degree of protection	IP55		
Temperature control method	Smart air conditioner		
way of communication	CAN		
weight	2544Kg	2431Kg	2320Kg
Dimensions (W*D*H)	1200mm×1150mm×2200mm(Excluding the convex part of the air conditioner 1200mm×1400mm×2200mm(including air conditioner convex part)		
Can be customized172kWh/157kWh/143kWh/129kWh/114kWh/100kWh, Compatible with isolated power cabinet			