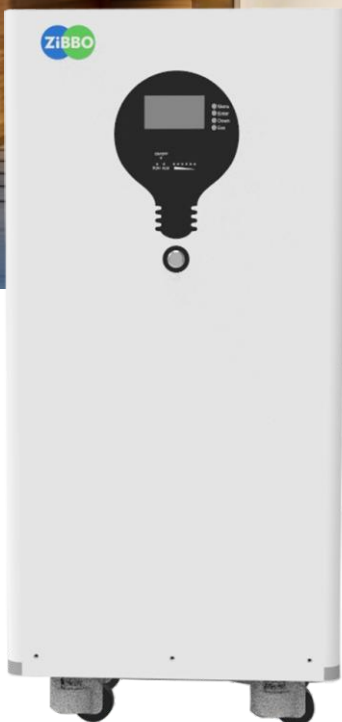


Cabinet-type LiFePO4 BATTERY

With "high integration, large capacity, high safety, and intelligence" as its core advantages, the cabinet-type home energy storage system is an important solution for household energy transition. It can not only meet daily electricity demand and cope with emergency scenarios, but also balance economy and environmental protection, thus becoming a choice for more and more families.



Style A



Style B



Large battery capacity and long working time



Long cycle life, using high-quality LiFePO4 Cells, the cycle life is as high as 6000 times



Intelligent battery management system



Support a variety of communication protocols, support RS485, RS232, CAN etc



Compatible with a variety of inverters



The battery will not catch fire, explode, leak, and be safer to use.

Technical Parameter

Model	ZB-G512280	ZB-G512300	ZB-G512314
Specification	51.2V280AH	51.2V300AH	51.2V314AH
Rated Voltage	51.2V		
Rated Capacity	280AH	300AH	314AH
Rated Energy	14.34KWh	15.36KWh	16.18KWh
Cell Typ	LiFePO4		
Composition	16S1P		
Working Voltage Rang	43.2V-57.6V		
Output Power	BMS 200A Max:10.24KW BMS 300A Max:14.34KW	BMS 200A Max:10.24KW BMS 300A Max:15.36KW	
Max Charge Current	Max:100A Max:140A	Max:100A Max:150A	
Max Discharge Current	Max:200A Max:280A	Max:200A Max:300A	
Display	LCD Display Screen		
Communication Interface	RS485,RS232,CAN		
BMS Protection Function	Overcurrent,Overvoltage,Overcharging,Overdischarge,Short Circuit,Over-temperature,etc		
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics Goodwe/SMA/Victron/SOROTEC/MUST/etc.		
Change Temperature	0°C-45°C		
Discharge Temperature	-20°C-65°C		
Storage Temperature	-10°C-45°C		
Cooling Method	Natural Cooling		
Design Life	10 years		
Cycles	10000@25°C /0.5C/80%DOD		
Battery Size(WxDxH)	Style A-L416*W265*H818mm/Style B-L480*W450*H725mm		
Package Size(WxDxH)	Style A-L470*W330*H1000mm/Style B-L535*W515*H910mm		
Net Weight	117Kg		
Gross Weight	132Kg		

Size and Weight for reference only