



ZLION HV Battery System

- Flexible capacity options, 2.56kWh to 25.6kWh
- Excellent safety of cobalt free LiFePO4 battery
- Easy installation with modular and stacked design
- Remote firmware upgrade

Datasheet	ZL-SGM-HV1-10.0	ZL-SGM-HV2-15.0	ZL-SGM-HV3-20.0
Number of Modules	5	7	9
Energy Capacity	10.24kwh	15.36kwh	20.48kwh
Usable Capacity	9.21kwh	13.81kwh	18.43kwh
Nomianl Voltage	204.8V	307.2V	409.6V
Operating Voltage Range	188.8V~227.2V	283.2V~340.8V	377.6V~454.4V
Standard Charge/Discharge Current	650/270/925mm	650/270/1295mm	650/270/1665mm
approximate	118kg	172kg	226kg
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)		
Standard Chage/Discharge Current	25A/0.5cC		
IP Protectbn	IP65		
installation	Wal-mounted or Floor installation*2		
Operation femperature	-10-50°C* ³		
warranty	5 years		

Remarks: above data for reference only, without notice if any change. Special volt can be customized.



ZL-SGM Series

Stackable Ground Mounted Batteries (High Voltage Type) 堆叠储能电池(高压型)

- Superior performance lfp battery

ZL-SGM Series offers flexible energy options for single/three phase, hybrid/ac-coupled, and battery-ready solutions for different scenarios, which adopts Cobalt free LiFePO4 chemistry, together with multiple level protection from BMS and inverters to ensure its extreme safety and reliability, excellent performance, and a long lifespan. It features a modular stacked design and is lightweight for one-person installation to save time and cost.



ZL-SGM-LV1-10.0/ZL-SGM-LV2-15.0/ZL-SGM-LV3-20.0