



## ZL-SGM Series

### Stackable Ground Mounted Batteries (Low Voltage Type) 堆叠储能电池(低压型)

- 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

## ZLION LV 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-LV1-10.0	ZL-SGM-LV2-15.0	ZL-SGM-LV3-20.0
Number of Modules	4	6	8
Energy Capacity	10.24kwh	15.36kwh	20.48kwh
Usable Capacity	9.21kwh	13.81kwh	18.43kwh
Dimension (W/D/H)	650/270/740mm	650/270/1110mm	650/270/1480mm
approximate	112kg	168kg	224kg
Standard Charge/Discharge Current	100A		
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)		
Normainl Voltage	51.2V		
Operation voltage Range	47.2V-56.8V		
IP Protectbn	IP65		
lhstalation	Wal-mounted or Floor installation*2		
Operation temperature	-10-50°C*3		
BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement		
communication Port	Can		
warranty	5 years		

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