



The GM Series offers flexible energy options for different scenarios, which adopts 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 of movable design to save time and cost.

- Brand new cell, reliable quality
- With smart BMS system for all around protection
- LCD touch display & CAN/RS485 communication
- Parallel capacity to 6*15kwh
- Large temperature tolerance
- Easy installation





Low Voltage



Simple Installation



High Efficiency



Expandable System

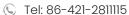


90% DoD

LIAONING ZLION ENERGY CO., LTD

Add: No.99E, Wenhua 5th Ave, Longcheng District, Chaoyang City, Liaoning Province;







 ▼ Email: Owen@zlion-ess.com www.zlion-ess.com

ZLION ESS GM Series

Model	ZL-GM-15.0
ELECTRICAL CHARACTERISTICS	
Battery Type	LiFePO4 Prismatic Cell
Number of Modules	1
Norminal Voltage	51.2 V
Norminal Capacity	300 Ah
Energy Capacity	15.36 Kwh
Operating Voltage[V]	47.2-57.6V
Recommend Discharge Current [A]	100
Max.Discharge Current [A]	200
Communication	CAN&RS485
Display	LCD *1
Depth of discharge [%]	90%
OPERATING CONDITIONS	
Installation Location	Outdoor/ Indoor (Stand)
Discharge Temperature	-20 - 60 °C
Charge Temperature	0 - 45 °C
Storage Temperature [°C]	-20 - 55 °C
Cooling method	Natural Convection
Humidity [%]	5 ~ 95 (No Condensing)
MECHANICAL CHARACTERISTICS	
Cycle Life	≥6000
Dimensions (W*D*H) [mm]	720 × 240 ×640 mm
Approx. Weight	125kgs
CERTIFICATES	
Lithium Battery Standard	IEC62619,CE-EMC
	UN38.3

