

# BATTERY STORAGE SYSTEM



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 a 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



# ZLION ESS GM Series

| Model                             | ZL-GM-15.0              |
|-----------------------------------|-------------------------|
| <b>ELECTRICAL CHARACTERISTICS</b> |                         |
| 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%                     |
| <b>OPERATING CONDITIONS</b>       |                         |
| 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)  |
| <b>MECHANICAL CHARACTERISTICS</b> |                         |
| Cycle Life                        | ≥6000                   |
| Dimensions (W*D*H) [mm]           | 720 × 240 ×640 mm       |
| Approx. Weight                    | 125kgs                  |
| <b>CERTIFICATES</b>               |                         |
| Lithium Battery Standard          | IEC62619,CE-EMC         |
| Transportation                    | UN38.3                  |