



HG24100 LiFePO₄ Battery

Descriptions	HG24100
Nominal Voltage	DC 24V
Nominal Capacity	100 AH
Working Voltage	DC23.2V~DC26.4V
Output Voltage	DC 26.4V
Output Current	100A
Max. Output Current	1400A (<.2sec)
Charging Voltage	29.2V
Ma. Charging Current	<50A
Working Temperature	-20° C~+75° C
Nominal Voltage	DC 24V
Weight	28.5KG Includes BMS
Dimensions (L x W x H)	505mm x 220mm x 240mm

1. Outline dimensions of HG24100 is exactly the same to the current Lead Acid battery in 12V150 Configuration type is N120
2. By using 2 LiFePO₄ battery, total weight is around 64kgs, which is about 25% in weight against to lead acid batter set. From the weight reduction bonus, increase pay load is gained.
3. LiFePO₄ battery needs free maintenance, increase engine efficiency, reduce carbon emission and extended service life as well. It is rated as the best and most safety power battery ever used.
4. Built-in battery management system monitor each cell for over charge and discharge, over temperature, perform balancing to each cell to optimize the system efficiency.
5. In case of too high or too low voltage and too high in temperature, BMS cuts the battery off to protect cells from permanent damage.
6. LiFePO₄ battery has variety of applications, in addition to engine starting, it also applies to ships, boats, forklifts, low speed vehicles and power storage for renewable energy.
7. Optional wireless monitoring by smart phone is available through Bluetooth. SOC, and charge status for each cell can be viewed on the screen. Ovp and Uvp parameters can be adjusted from your smart phone (Android OS only)