

HG 1250 LiFePO₄ Battery



Descriptions	HG1250
Nominal Voltage	DC 12V
Nominal Capacity	50 AH
Working Voltage	DC11.6V~DC13.2V
Output Voltage	DC 13.2V
Output Current	100A
Max. Output Current	1000A(<.2sec)
Charging Voltage	14.6V
Recommended Max. Charging Current	50A
Working Temperature	-20° C~+75° C
Weight	Approx.7.5Kg.
Dimensions (L x W x H)	262mm x 170mm x 190mm

1. To directly replace the current lead acid battery being used. You get the benefits as of higher energy density, higher discharge/charge current, longer service life as well as stronger ignition sparks, as the result, fuel saving and less carbon emission could be achieved.
2. DOD is as higher as 95% vs. 60% of lead acid battery. In the other words, a smaller capacity of LiFePO₄ battery can replace a higher capacity lead acid battery.
3. BMS is equipped to manage the balance of each cell and protect battery from over charge or under discharge. In case the battery voltage is too low, BMS will cutoff the circuit to reserve about 20% backup capacity. By depressing the "RESET" button, the battery can be re-activated and power comes back for starting the engine.
4. Made of eco-friendly material, no heavy metal inside. RoHS compliance.
5. In normal use, cycle life is over 2000 times which is around 5-10 service life than lead acid battery. Weight is about 1/3 to the same capacity of lead acid battery.
6. LiFePO₄ battery is economic and cost effective new energy storage, it fits a variety of applications: UPS, Solar, Wind power and smart power storage system as well.