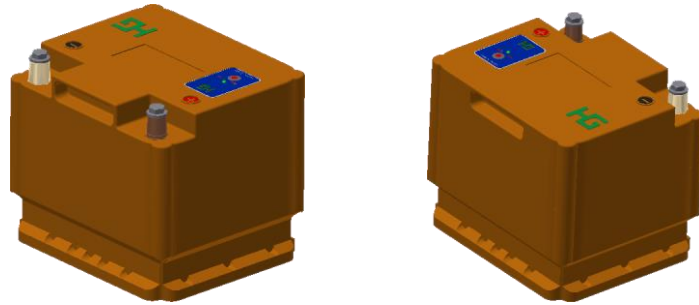


## HG1230e LiFePO<sub>4</sub> Battery



Descriptions	HG-1230e
Nominal Voltage	DC 12V
Nominal Capacity	30AH
Working Voltage	DC11.6V~DC13.2V
Output Voltage	DC 13.2V
Output Current	90A
Max.Current	600A(<1sec)
Charging Voltage	14.6V
Max. Charging Current	<30A
Working Temperature	-20° C~+75° C
Weight	6KG Approx.
Dimensions (L x W x H)	207mm x 174mm x 174mm

1. To directly replace the current lead acid battery being used. You get the benefits as; 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 LiFePO<sub>4</sub> 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 25% 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. LiFePO<sub>4</sub> battery is an economic and cost effective new energy storage system. This model suits for most of European series cars.