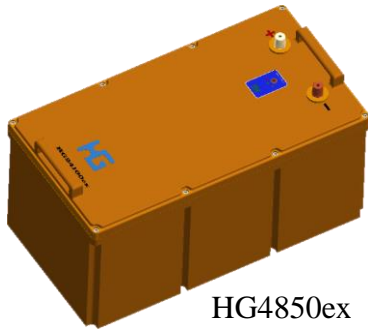


## HG 4850 / HG4850ex LiFePO<sub>4</sub> Battery



HG4850ex



HG4850

Descriptions	HG4850 / ex
Nominal Voltage	DC 48V
Nominal Capacity	50AH.
Working Voltage	DC46.4~52.8V
Nominal Output Voltage	DC 52.8V
BMS	:Passive Balance
Nominal Output Current	100A
Multiple Connection Interface(Optional)	By Anderson Connector or by Terminals cables
Max. Output Current	1000A (<.2sec)
Charging Voltage	58.4V
Max. Charging Current	<50A
Working Temperature	-20° C~+75° C
Weight	Approx.28.5KG
Dimensions (L x W x H)	505mm x 220mm x 240mm
Ex type	520mm x 280mm x 279mm

1. DOD of LiFePO<sub>4</sub> battery is as higher as 95% vs. 60% of lead acid battery. it is capable to use a smaller capacity in place of a larger lead acid battery.
2. Battery is equipped with a BMS to balance each cell. In case of under discharge, BMS cuts off the output to reserve about 20% energy. By depressing the "RESET" button, power comes back for applications.
3. RoHS compliance, eco-friendly material without impacting to environment. No explosion nor fire after pressing or nail penetration.
4. In normal operation, the scheduled cycle life is 6 times vs. lead acid battery and weight is only 1/3
5. Applicable for EV, UPS, solar and wind power energy storage systems.
6. Optional wireless by Bluetooth monitoring system available. By using smart phone or pads to monitoring the battery status including each cell, as well as perform real time setting or parameters change is possible.