

evo charge | LITHIUM

MARINE GRADE BATTERY CHARGER for 36V Lithium (LiFePo4) Batteries

TECHNICAL SPECIFICATIONS

RATED AC INPUT	AC 220-240V 50Hz
CHARGING VOLTAGE	43.8V±0.3V
CHARGING CURRENT	10A
BATTERY TYPE	36V LiFePo4 Batteries
AMBIENT TEMPERATURE	-10°C to +40°C



Power

AC Power is connected & charger standby.



Red (Charging). Green (Fully Charged).

ACTIVATE

Hold the button down for 3 - 5 seconds to wake **LiFePo4** batteries when in low voltage cutoff.

WARNING: Failure to follow instructions may result in damage to charger/battery. **READ ENTIRE MANUAL BEFORE USE.**

MARINE GRADE BATTERY CHARGER

for 36V Lithium (LiFePo4) Batteries

1. First and foremost, always think and apply **SAFETY FIRST!**
2. **SAVE THESE INSTRUCTIONS!** This manual contains important safety and operating instructions that may be required at a later time.
3. Do not use the charger if the cables or plugs are damaged in any way.
4. Do not disassemble or tamper with the charger.
5. Always check markings and safety information relating to products you intend to use near this charger or batteries.
6. Always check markings and instructions relating to the batteries you intend charging.

WARNING!!

Do not use this battery charger for charging dry-cell batteries, this charger is designed to charge Lithium Iron Phosphate (LiFePo4) batteries only. Make sure the voltage and charge specifications of the battery match this charger.

CHARGING

1. If and when disconnecting batteries always disconnect the grounded terminal first.
2. Make sure all accessories are off and any inline breakers are in the off position.
3. Determine voltage of battery making certain that battery posts are connected to corresponding charging leads.
4. Plug the AC plug into a suitable power source.
5. Turn on the AC power to begin charging, taking note of the indication lights on the charger.
6. Once the batteries are fully charged turn the charger off by turning off the AC power supply off at the source.

CHARGER LOCATION

1. Do not place a battery on top of the charger.
2. Mount charger in the most secure and protected area possible with adequate ventilation.

MORE SAFETY REMINDERS!!

1. Charge no other batteries other than specified in the **TECHNICAL SPECIFICATIONS**.
2. Check the charger cables prior to use, ensuring that there are no cracks or exposed wires.
3. Never charge a damaged battery.
4. Never place the charger on top of the battery while charging.
5. Avoid covering the charger.
6. This charger is not designed to be used by young children or anyone who is unable to understand these operating and safety instructions.
7. Do not extend the charger cables.
8. If you are unsure of anything it is best to consult an electrical professional.
9. And remember: **SAFETY FIRST!**

