

Helpful guidelines for charging a lithium battery:

Lithium Battery Warning: Do not use a Nickel based charger to charge a lithium battery. Charging a lithium battery with a non-designated charger will void your warranty and possibly cause a fire. When charging your lithium battery you should always remain in constant observation to monitor the charging process and reaction to potential problems that may occur. Failure to do so may result in fire. Some lithium chargers on the market may have technical deficiencies that may cause it to charge your lithium battery incorrectly or at an improper rate. (Over 1 amp per hour charge) It is your responsibility to assure the charger you purchased works properly and is preset to the correct setting.

It will take your lithium battery between 3 – 5 cycles (Charge/Discharge) to reach its full capacity.

Never recharge a hot or charged battery!

We do not recommend charging a Cordless Renovations lithium battery over 1 amp per hour. Never charge a lithium battery over 1.5 amp hours. Charging a Cordless Renovations over 1.5 amp hours will make the battery extremely hot to the touch, the cells could balloon causing your battery-pack to expand and/or burst into flames.

If at any time or for any reason your lithium battery is warm to the touch or you witness your battery starting to balloon, swell-up, smoke or get hot. Discontinue the charging process immediately and disconnect the battery from the charger to observe it in a safe place outside of your home or garage. If this occurs turn your charger off, take the battery outside and/or out of the device you're using it in, place the battery on a concrete surface and call the manufacturer. Check your chargers "per cell setting" and make sure you have selected to correct number of cells that reflects your batteries voltage, i.e.: (7.4V = 2 cells, 11.1V = 3 cell, 14.8V = 4 cells, 18.5V = 5 cells, 22.2V = 6 cells).

Wire lead shorts can cause fire! If you accidentally short circuit the wire leads to the PCB, the battery must be placed in a safe area for observation for approximately 15 minutes. If a short occurs and contact is made with metal (such as rings on your hand) severe injuries may occur due to the conductivity. A battery can still ignite even after 15 minutes.

If for any reason you cut the quick connector terminal from the lithium battery your warranty is voided.

Never store or charge your battery-pack inside your car or in extreme temperatures, since extreme temperatures could ignite and cause a fire. Never drop your battery. If you installation your lithium battery within an enclosed environment, we suggest you add air vents to the structure or place a fan within the structure to help circulation.

Smart Chargers: We recommend using a Smart Charger (like the CR-1) (that shuts-off when the charging cycle is complete) (the charge indicator LED will aluminates RED when charging and GREEN indicating the charging process is complete) when charging a lithium battery. Using a "wall transformer" charger that doesn't shut off after the charging process, may cause the cells of your lithium battery to become out of balance. We do not recommend using a wall transformer charger to charge a Cordless Renovations or RCS America lithium battery.

If you need help or have any questions, please contact technical support at (319) 366-7294.