

**DO**  
or  
**DO NOT**



***THERE is  
no TRY***

## DOS

- ✓ Buy batteries from a reputable manufacturer
- ✓ Read all documentation supplied with the battery
- ✓ Inspect the battery for signs of damage
- ✓ Disconnect the batteries if they emit smell, develop heat, change shape, or behave abnormally
- ✓ Protect battery terminals if need to move batteries from one place to another
- ✓ Select correct charger settings for the battery pack being charged – both voltage and current settings
- ✓ Charge and store batteries in a fireproof container
- ✓ Keep the area free from any sharp objects
- ✓ Keep the area clear of any flammable or combustible materials such as wood tables, carpet, or gasoline containers
- ✓ Store battery at 3.8V in a fireproof bag/container
- ✓ Store battery at room temperature or lower in a well ventilated place
- ✓ Have a dedicated area for store Li-ion battery only
- ✓ Have a class ABC or CO<sub>2</sub> fire extinguisher nearby, and know its location

## DON'TS

- ✗ Buy cheap or counterfeit batteries
- ✗ Burn, overheat, disassemble, short-circuit, solder, puncture, or mutilate the battery
- ✗ Put in contact with conductive materials, water, seawater, strong oxidizers, strong acids
- ✗ Place in humid environment, direct sunlight, hot surfaces, hot locations
- ✗ Reverse the polarity, mix different types of batteries, mix new and old ones together
- ✗ Use the unit without its electronic management system (EMS/BMS)
- ✗ Submit to static electricity risks to avoid damages to the protecting circuit
- ✗ Leave a battery pack unobserved during charging
- ✗ Overcharge (greater than 4.2 V for Li-Po) or over-discharge the batteries (below 3 V)
- ✗ Charge a battery that is still warm from usage or use a battery that is still warm from charging
- ✗ Parallel charge - chargers cannot monitor the voltage of individual cells
- ✗ Leave batteries connected to chargers after charging is complete
- ✗ Store in refrigerator/freezers
- ✗ Leave batteries unattended where someone can damage them