



# BATTERY SAFETY

## Tool Box Talk



**Lithium-ion batteries have changed the world of power tools like few other technologies have. While misuse of tools and batteries can lead to unsafe situations, operation has become safer by removing restrictive power cords and handling tools with proper care. Choose safety and always use batteries for their intended purposes.**

### General handling and use:

- Protect battery against mechanical damage
- Use carefully in wet conditions to protect against intrusion of liquids (DO NOT allow intrusion of conductive or corrosive liquids)
- Use in accordance with manufacturer instructions and requirements
- Store properly
- Only use original equipment manufacturer batteries that are designed for the tool and charger
- Ensure batteries are kept away from metal objects and liquids when transporting
- Store away from combustible materials

### Safe charging:

- During charging and storage, keep flammable materials away from the charger and battery
- Keep the charger and batteries away from direct sun or any heat source
- The battery should always be removed from the tool/charger when not in use/charging

### Discontinue use, remove the battery to a safe location and contact the manufacturer if:

- There are any abnormalities in the charging process, and stop charging
- Less than full SOC (State of Charge) LEDs are indicated after a full charge process
- The battery is dropped or suffers any mechanical impact with noticeable damage to the housing
- Upon inspection, there are any signs of mechanical damage (punctures, cuts, or deformation in the housing); inspect the battery regularly

### Disposal:

When replacing batteries, don't throw them away. Batteries can be recycled with Hilti or by taking them to a recycling facility. You can also check with manufacturer to see if they recycle batteries.

### Additional resources:

Power tool Institute: [www.takechargeofyourbattery.com](http://www.takechargeofyourbattery.com)

General safety practices are addressed: read the tool operator's manual for complete information



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