

Damaged, Defective or Recalled (DDR)

DDR batteries are typically **lithium-based batteries** (either single-use or rechargeable) that are bloated, are leaking, have burn marks and/or are part of a recall. For safety purposes, you should immediately follow special handling and packaging requirements if you have a DDR battery.



Warning: DDR batteries can experience thermal runaway, a chain reaction of uncontrolled heating that can lead to a fire or explosion. Even after extinguishing a lithium-ion battery fire, there is a risk of reignition. DDR batteries NEVER belong in your home recycling or trash bins.

Cracked or Damaged rechargeable battery



Bloated rechargeable battery



Smoking cylindrical batteries

Do you have a DDR battery?

The following are signs of a damaged or defective battery:

- Battery feels warm or hot to the touch
- Battery is bulging or swelling
- Battery is leaking
- Strange smells/odors are present
- Casing is discolored
- Casing is crushed or punctured
- Casing has burn marks
- Wires are exposed, loose or damaged

What to do for damaged or defective batteries

If your battery has signs of being damaged or defective:

- 1) Immediately locate a hard, sealable, non-conductive container with a lid (e.g., a 5-gallon plastic bucket) and partially fill it with a non-flammable substance such as kitty litter or sand.
- 2) Place the DDR battery on top of the substance, in the center of the container. The battery should not be touching the container at all. Pour more sand or kitty litter into the container.
- 3) The DDR battery should be completely covered by the kitty litter or sand. Close the lid on the container and store it outside of your home.
- 4) Contact [Battery World](https://bwsyr.com/) (<https://bwsyr.com/>) for disposal instructions.

Or see The [Battery Network store](https://store.batterynetwork.org/) under the Damaged, Defective or Recalled (DDR) Lithium Ion Battery Management section (<https://store.batterynetwork.org/>)

Recalled Batteries:

If your battery is part of a recall, follow the manufacturer's instructions for management (Recalls & Product Safety Warnings | CPSC.gov) <https://www.cpsc.gov/Recalls>