



12472 Industry St  
Garden Grove, CA 92841  
+1 (833) 895-8624  
info@onecharge.biz  
www.onecharge.biz

## OneCharge™ End of Life Guide & Guarantee

### **Your Guarantee.**

**OneCharge Inc. commits to taking receipt of any lithium batteries for recycling that our customers decide to return at the end of the pack's useful lifespan.**

OneCharge recognizes that “end of life” disposal of lithium batteries is still in its infant stage and represents a practice somewhat different than for lead acid. Recycling for lithium is rapidly evolving as evidenced by the current recycling by Tesla of Toyota electric vehicle batteries, and Tesla's plan to build a \$5 billion lithium manufacturing plant. OneCharge is pleased to provide an “end of life” guarantee and service designed to accommodate a variety of scenarios to make the lithium experience complete.

### **Recycling.**

Global demand for lithium-ion batteries has more than doubled over the last 10 years. Many lithium recycling plants are coming online nationwide to meet the increased need. For example, the US government awarded \$9.5 million to a major US recycler to upgrade and increase capacity of an Ohio recycling plant. Currently they are capable of recycling any lithium-ion cell regardless of chemistry. This increase in demand is only just beginning to impact the recycling industry, as lithium-ion battery lifetimes are very long. The recycling landscape five years from now is therefore expected to be noticeably different than today.

### **Re-Use.**

When a lithium battery no longer holds enough charge, there are already a number of options, such as:

- The remaining good cells can be put into a refurbished pack.
- Cells can be deployed into alternate second life usage, such as grid storage or emergency power.
- The steel case and electronics can be refurbished into a new battery or be recycled.

### **Disposal.**

OneCharge is committed to the environment. Lithium-ion batteries are not specifically discussed in the Federal Resource Conservation and Recovery Act (RCRA). However, given the general requirements for hazardous materials, a completely discharged lithium-iron-phosphate cell is considered non-hazardous material. States and cities may have more stringent regulations in place, some of which blanket all lithium-ion batteries as hazardous waste, while others classify them as normal waste. The OneCharge Lithium Battery end of life guarantee ensures full compliance with laws and the highest environmental standards.

### **Environmentally Friendlier.**

OneCharge strongly believes that switching to lithium is a much cleaner and environmentally friendlier solution than existing options. For example, it resolves the issues associated with lead-acid batteries, such as acid-spills, corrosion, sulfation and contamination. We recognize that procuring any raw materials impacts the environment, but lithium is obtained almost exclusively from brine pools, meaning that extraction is relatively safer and less damaging to local ecosystems than other forms of mining. In addition OneCharge lithium batteries last up to five times longer than a traditional lead acid, meaning fewer batteries are manufactured and recycled, and carbon footprints are minimized.