



ESCROWLOCKERS
— .COM —

Collect. Recycle. Get paid. Sustainably.

Introduction

Escrow Lockers make sustainable recycling simple and profitable. Our smart kiosks evaluate the real market value of your end-of-life lithium batteries, as verified recyclers pay you directly for recoverable materials. Just identify your battery type, upload a photo, receive an instant quote, drop it in the Escrow Locker, and get paid instantly through PayPal.

Powered by Renewables

Powered entirely by renewable energy—wind, solar, or hydropower—each kiosk uses an integrated Battery Energy Storage System (BESS) that runs on DC power. The system's efficiency ensures minimal consumption, with surplus energy available for additional services like device charging or wireless connectivity.

Escrow Lockers operate on a Battery Energy Storage System (BESS) supplied by *Texas Energy Storage (TES), Inc.* of Houston, Texas. Their systems utilize 18650 primary or secondary life cells powered by Dr. Ahmed Tarfaoui's **patented Integral Tubular Battery (ITB®) technology**.

Embedded Smart Services

Each Escrow Locker is equipped with:

- Battery recycling – Submit lithium batteries and earn PayPal payments.
- USB charging ports – Provide paid on-site charging services.
- Wireless hotspot access – Offer connectivity and share in the revenue.
- Smart monitoring – System controller, auto-fill level detection, and remote notifications.
- Communication and GPS – Track, locate, and manage unit performance in real time.

Collection and Payment Process

Escrow Lockers accept phones, laptops, tablets, and lithium-ion batteries. When a unit reaches capacity, you'll be automatically notified to empty it. Each participant receives an affiliate account to track material volumes and payment activity seamlessly.

How to Get Started

1. Order Escrow Lockers – Email: daniel@cmxi.org
2. Choose your location – Install in high-traffic or eco-conscious spaces.
3. Receive notifications – Get alerts when your system is full.
4. Ship for processing – Print the provided shipping label, pack your shipment, and send it for recycling.

Build it Yourself - Bill of Materials

Based on wireless connection available. If no wireless then add a cellular connection to hotspot and pay the monthly service.

monitor	106.99
rasberry pi 4	104.99
keyboard	21.85
mouse	8
video camera	75.95
thermal printer usb power	99.99
solar 400w	149.99
0.4 kwh bess 40 cell pack	650
40 cells	20
container bin	?
Capital cost per kiosk	1237.76

Setup Equipment & Place Raspberry PI in Kiosk Mode

Set the default screen to load <https://recyclelithiumbatteries.com>.

Holder Follows Screen to Get a Quote

Print Label & Affix to Item

Give the item to the salesclerk, they will scan it to get approval and give you the cash.

The kiosk owner ships the material to the recycler who receives the material and pays the kiosk owner.



RecycleLithiumBatteries.com

Get Paid to Dispose of Your Hazardous Waste

RecycleLithiumBatteries.com streamlines quoting, boosts visibility via affiliates, and expands collection via bins located at ShopDowntown.org retail stores.

Lithium batteries contain materials like lithium, cobalt, nickel, and graphite, all of which are on the U.S. government's official critical minerals lists from the Department of Energy and USGS.

Thus, recycling operations at a site like recyclelithiumbatteries.com inherently qualify under these lists by recovering and returning critical minerals to the supply chain.

Key Lists

- DOE Critical Materials (2023): Includes lithium, cobalt, nickel, graphite, and others vital for energy tech.
- USGS Critical Minerals (2022): 50 minerals, explicitly listing lithium, cobalt, nickel, manganese, graphite, and aluminum found in lithium batteries.

Relevance

Trump just launched a \$12 billion critical minerals stockpile. Battery recycling supports national security and economic needs by reducing import reliance on these minerals.

Lithium battery recycling offers substantial ecological and fire safety benefits by recovering critical materials and mitigating risks associated with disposal.

Ecological Benefits

Recycling lithium-ion batteries significantly cuts greenhouse gas emissions—by 58-81% compared to mining new metals—while using 72-88% less water and 77-89% less energy. It prevents toxic leaching into soil and water from landfilled batteries, conserves finite resources like lithium and cobalt, and reduces mining-related habitat destruction.

Fire Safety Advantages

Discarded lithium batteries pose severe fire hazards in landfills or facilities due to thermal runaway, releasing flammable gases and causing intense fires. Proper recycling through certified processes safely dismantles and stabilizes them, diverting this risk and enabling controlled material recovery under regulations like RCRA.

Operations Context

Facilities like those implied by recyclelithiumbatteries.com align with these benefits by handling end-of-life batteries, supporting a circular economy for critical minerals as recognized by DOE and EPA guidelines.

Economics

Many lithium battery recyclers pay for scrap material due to the value of metals like lithium, cobalt, nickel, and copper recovered from them. Payments vary by location, volume, battery type/condition, and market prices, often ranging from \$0.10–\$2.50 per pound in the US.

Like What You See? Ways You Can Help.

Post this code on every website you own!

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<center><a href="https://recyclelithiumbatteries.com"></a></center>
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Integrations

We are happy to help with integrations to your system of things @ \$200/hr.

Contact: daniel@cmxi.org