

## Zeflash (Website Landing Page)

### Zeflash : Rapid AI Diagnostics & Power

### Quick 15 mins EV & Battery Test, Anytime you Charge your EV!

With Zeflash, get a precise rapid battery health insight report in minutes, not hours.

Zeflash combines flash-based EV testing at Fast Chargers with ZipsureAI's battery physics-driven AI Deeptech to decode your EV's true performance, aging, and safety condition on the spot.

→ Book a Zeflash RapidTest  @ nearby EV Charger!

→ Request a Free Demo 

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### What is Zeflash?

Zeflash Rapid Diagnostics is an advanced EV battery testing platform designed for **fast, field-ready health checks**.

Accurately measuring **State of Power (SoP)** and **State of Function (SoF)** at pack levels — helping fleets, garages, and OEMs make instant, confident decision for EV servicing, 2nd life repurposing and safe recycling!

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### Core Features

#### Rapid Flash Testing

Get real-time diagnostic scans that capture your battery's true energy output and internal efficiency — all within minutes.

#### Multi-Signal Scanning

Go beyond surface readings.

Zeflash integrates **current signals, temperature, impedance and multiple parameters** to detect early degradation, balancing drift and unsafe charging, otherwise invisible to available Voltage & IR tests.

#### AI + Digital Twin Intelligence

Every pack is modeled digitally through **physics-based machine learning**, predicting lifespan, efficiency, and early failure trends with high precision.

#### Portable Analysis at EV Chargers

Compact, rugged, and easy to use — Zeflash brings lab-grade EV diagnostics technology developed at Zipbolt, to the EV charging station. Ideal for e-scooters, delivery eloaders and vans, swapping stations, or second-life validation at site.

### **Benchmark & Traceability**

Zeflash utilizes its Deeptech AI to conduct Rapid tests with database references across public and proprietary Battery databases to benchmark readings across chemistries and manufacturers, enabling consistent, traceable results for certification and resale.

### **Instant Health Report**

Receive clear, visual reports instantly — including SoP, SoF, Accuracy %, Efficiency variance, range loss estimate, and expert recommendations for repair servicing, reuse and refurbishment, or safe recycling.

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## **How It Works**

### **1 Locate, Connect & Start**

Find Zeflash-enabled EV Chargers with Zeflash App or Website, book a session and start charging your EV — no disassembly/hardware required.

### **2 Analyze & Detect**

The Zeflash Deeptech AI based EV Charging systems perform Rapid AI Diagnostics test and creates dataset via Cloud servers for quick data processing.

### **3 Report & Recommend**

In minutes, Zeflash Deeptech AI models process your EV data, through digital-twin simulations generate detailed insights. Your actionable EV Rapid Health report is available to download in just minutes.

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## **The Science Inside**

Zeflash integrates advanced AI Deeptech for **electrochemical modeling, impedance testing, multi-parameter dataset analysis, and machine-learning algorithms**.

By reading subtle internal responses at each Charging cycle, it also builds a complete lifecycle profile over multiple sessions — predicting unnatural degradation, battery aging, and loss in performance and thermal safety issues with high accuracy of above 90%!

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## **Who It's For**

- **EV Fleet Operators:** Schedule maintenance, key performance and warranty coverage and avoid downtime.
  - **Service Centers:** Diagnose issues instantly , check warranty coverage and improve turnaround.
  - **Second-Life & Recyclers:** Verify pack health, cell degradation without dismantling and certify for reuse or scrappage, saving time and upfront costs.
  - **OEMs , Insurance & Manufacturers:** Access real-world on-demand diagnostics and insights , with ability to refine designs , integration of battery passports , renew insurance and warranties.
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## Why Choose Zeflash : Rapid AI

- Real-time onfield testing — results in minutes
  - Lab-grade precision at a nearby EV Charger
  - Portable, Easily Accessible for every EV User!
  - Predictive, AI-driven insights for Thermal Risks
  - Certified, Secure performance reports.
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## See Beyond the Battery.

Zeflash turns complex battery data into clear, confident action — empowering every EV decision with real-time intelligence.

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