



Our solution, CeLLife Test Pro, leverages EFP™ technology to deliver **fast, accurate, and easy-to-interpret** battery diagnostics. It supports a wide range of applications—from **empowering battery design to supporting module assembly**—by providing precise electrical indicators from the very first measurement. As data accumulates, **self-learning diagnostics unlock deeper insights, enabling control over every cell**

## Key Features

CeLLife Test Pro, a compact solution comprising the CeLLife Portable Analyzer, CeLLife battery-specific jig and the CeLLife Battery Perfected Cloud, enables fast deployment and flexible manual use, enhanced by CeLLife AI-powered diagnostics for detecting cell defects and revealing cell-to-cell variation.

### CeLLife Test Pro description

CeLLife battery-specific jig	Ensures firm and reliable contact with each cell or module
CeLLife Portable Analyzer	Measures both cells and modules with a single, streamlined setup for flexible use in lab and pilot environments
CeLLife AI	Cloud-based AI engine delivering secure and accurate diagnostics
CeLLife Battery Perfected Cloud	Unified interface for accessing battery data and advanced analytics

## Applications

### Full test time: 10 seconds

Easy / fast connection

### CeLLife Pro Analytics

Immediate cell-to-cell results on cloud

### Portable, seamless, and compact setup

Fast and easy installation

Provides battery-specific jigs for any cell or module type, ensuring optimal contact and repeatability.

## Key Benefits

**Battery design:** Select the optimal cell supplier by revealing batch variations. Conduct experiments and analyze effect on battery performance

**Battery lab:** Analyze batch-to-batch variation of purchased cells to assess the need for CeLLife Test Pro

*By integrating CeLLife Test Pro solution with the patented EFP™ into operations, companies can achieve **higher efficiency, reduce environmental impact, and ensure the reliability and safety of battery products.***

# CeLLife Technologies Oy

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# Battery, perfected.

# Technical Information

## Catch cell-to-cell variation early, anywhere

CeLLife Test Pro is a solution for testing and comparing battery cells to support battery design and module assembly lines. In battery R&D, it helps teams understand cell-to-cell variation, flag outlier or faulty cells and build better modules by identifying matching needs early. In battery labs, it supports quality control by revealing batch deviations, detecting bad cells and assessing whether full-line diagnostics with CeLLife Line Pro is needed.

With fast setup and clear results, CeLLife Test Pro fits easily into both development and lab workflows. It gives you the data you need to design higher-performing batteries and make confident assembly decisions, accelerating your battery operations.

### CeLLife Test Pro deliverables

Standard delivery	Add-ons
CeLLife Portable Analyzer with cell jig	API for raw data*
CeLLife Pro Analytics	SSO login to CeLLife Pro Analytics
CeLLife Wiki & User training	Analytics training

\*Indicators extracted from CeLLife Electrical Fingerprint™

### Technical Information for CeLLife Test Pro

Measurement Specification	
Module voltage range	2 - 70 V
Module temperature	15 - 25 °C
Frequency range	< 1 Hz – 4 kHz
Available metrics	AC & DC internal resistance Battery voltage (OCV) CeLLife quality and health indicators
Device Specification	
Display	7-inch TFT touchscreen, 800 x 480 resolution
Dimensions	350 x 275 x 150 mm (W x D x H), 1.5 kg
Interfaces	CeLLife battery-specific jig Temperature sensor 2*USB (QR code reader / keyboard) for cell ID input Cellular cloud connectivity Ethernet
Operating voltage	100 - 240 V, 50 - 60 Hz
ADC resolution	16 bit



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