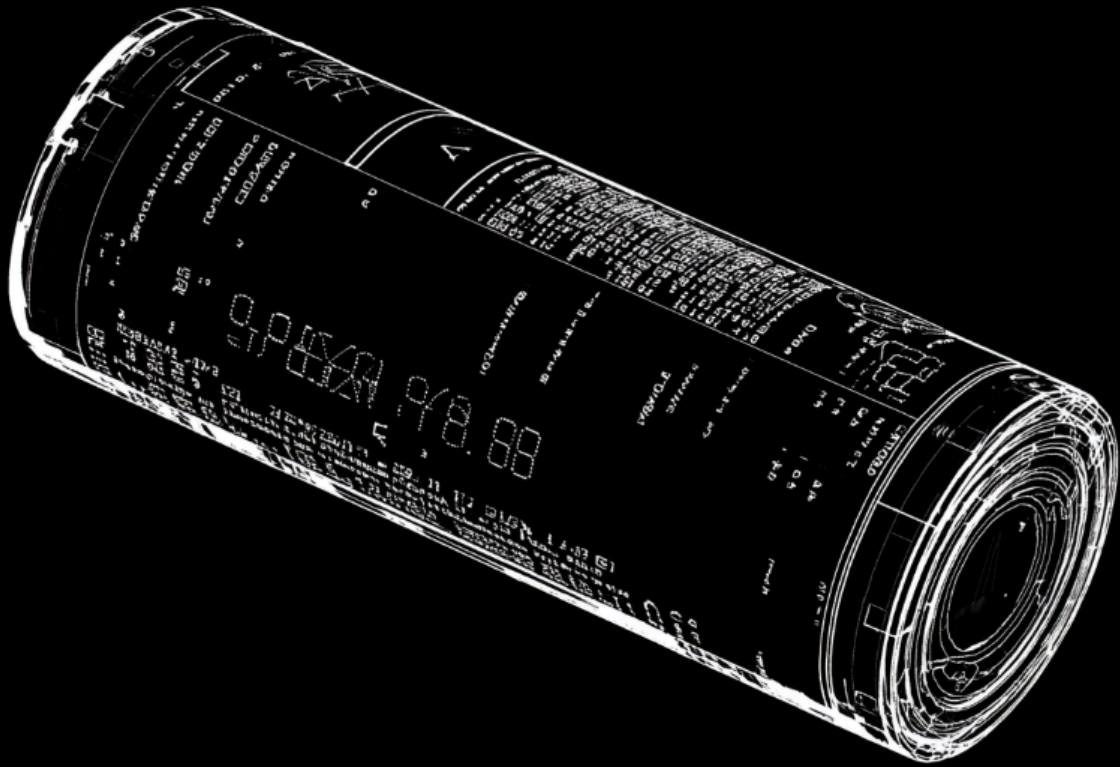


BREATHE



UNLOCK EXTRAORDINARY PRODUCTIVITY
WITH BATTERY DIGITALISATION

ABOUT BREATHE

BREATHE

World-class innovation.
In the heart of London.

We love batteries.

Your laptop battery is low and the meeting started five minutes ago. Your car needs charging and your family are too tired for another stop. Your headphones don't last like they used to, and you're carrying your charger around for your ageing smartphone. We know the feeling. But it doesn't have to be like that.

We've accrued over a century of battery engineering expertise and have concentrated it on tackling fundamental issues with today's batteries. We've built the products we've always longed for and with them, your products can fulfil their full potential.

Welcome to Breathe.

Trusted by world-class engineering teams.

V O L V O

Top-tier manufacturer of electric vehicles



European icon of premium audio and electronics

oppo

World leading manufacturer of smartphones and devices

COSWORTH

European high performance powertrain specialist

Polestar

A design-led, electric performance brand



Leading developer of audio devices for children



Leading OEM supplier and electric hypercar developer

VARTA

European battery supplier to top consumer electronics & auto OEMs

Uniquely equipped, from software to hardware to personnel.



20+

PhDs covering battery, controls, materials and engineering



200+

Combined years of battery engineering experience



13,500

Size of our battery laboratory – London's largest – in square feet, set up for industrialised parameterisation



3,000,000+

Hours of battery testing accumulated at our lab to date

Clean, green, audited machine.

Our team are experienced in facilitating supplier quality audits. We do so under the natural light of our translucent laboratory ceiling, surrounded by the sound of every battery cyclor running on 100% renewable energy. Our responsible laboratory practices support your supply chain sustainability objectives. We make procurement easy, because we know that what's good for the planet is good for business, too.

Learn more about us

Visit our website to learn more about our software toolchain for batteries.

www.breathebatteries.com

Backed by

V O L V O



KINNEVIK



Speedinvest

hello@breathebatteries.com

PRODUCTS

End-to-end visibility into battery performance, from concept to lifetime use.

The journey to better batteries starts now.

Breathe is the technology partner of choice for world-class organisations developing battery-powered experiences.

Breathe focuses on three critical areas: performance (maximum energy density, charging, and lifetime), development efficiency (accelerated innovation, resource-efficient validation), and economics (delivering more performance at lower cost across the battery lifecycle).

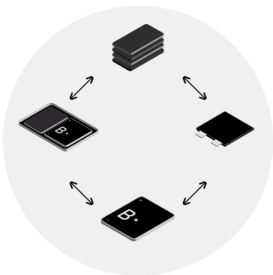
Through solutions spanning cell design, chemistry optimisation, cell prototyping, validation and battery system control, Breathe enables companies to do more with less.

BREATHE DISCOVER

Cell discovery platform

Discover high potential cell candidates across a vast design space.

Breathe Discover gives OEM engineering teams a battery cell discovery platform to explore millions of physically feasible battery cell designs, guided by the needs of a future vehicle platform, before cell formats, requirements, and suppliers are locked in.



Core benefits

More performance.
Superior experiences.

Lower costs.
Smarter engineering.

Reduced risk.
Faster time-to-market.

Increased flexibility.
Better market agility.

Greater influence.
Stronger supply chain.

BREATHE SIMULATE

Cell simulation & degradation solutions

Predict how electrochemical and thermal behaviour evolve with ageing.

Breathe Simulate provides teams with clear insight into how performance and degradation behaviour evolve across real-world operating conditions. By making performance limits and ageing mechanisms explicit, it supports more informed system, control and vehicle-level battery decisions.



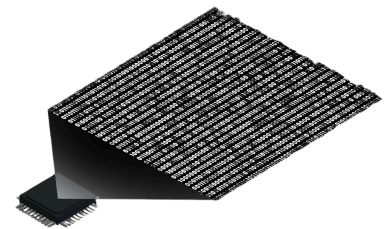
BREATHE CHARGE

Adaptive charging software

Performance, consistency and durability. In weeks, not months.

Breathe Charge is a software-only control layer that replaces conservative lookup tables with real-time electrochemical margin control. It unlocks more performance from the battery hardware already in the vehicle.

Featured on 4 production vehicles to date, including the Volvo EX60 boasting an 18-minute charge time and 800km range.



Learn more about us

Visit our website to learn more about our software toolchain for batteries.

www.breathebatteries.com

Trusted by

V O L V O

B&O
Est. 1925

oppo

hello@breathebatteries.com

BREATHE

Get started today.

Unlock measurable improvements in power and energy density, runtime, and lifetime, delivering faster charging and higher usable capacity without compromising safety or durability.

Our adoption process is simple, focused on delivering you results fast.

[Book a demo](#)

Learn more about us

Visit our website to learn more about our software toolchain for batteries.

www.breathebatteries.com



hello@breathebatteries.com