



11 December 2025

**Ilika plc**  
(‘Ilika,’ the ‘Company,’ or the ‘Group’)

### **Ilika Ships 10Ah Goliath Battery Prototypes**

*Commencement of shipping marks latest on-schedule development milestone*

Ilika (AIM: IKA), the UK pioneer in solid state battery technology, has begun shipping its new 10Ah Goliath battery prototypes to customers across multiple industries, including automotive companies. These new prototypes offer five times more capacity than the 2Ah P1 prototypes delivered to customers in July 2024.

The 10Ah cells feature a proprietary oxide coating which offers improved safety, allowing electric vehicle manufacturers to design lighter and less expensive battery packs. According to analysis by automotive experts Balance Batteries, this technology could reduce battery pack weight by 20% and cut manufacturing costs by £2,500 per vehicle.

The prototypes were manufactured on Ilika’s automated pilot line, completed in October 2025. The automation has already shown significant benefits, with the first batch achieving a 93% manufacturing success rate (yield), which is well above the minimum required for moving to full production.

The Company has also created initial samples of larger 50Ah P2 cells for testing, which will be available for shipping after feedback has been received on the current 10Ah cells which is expected during 2026.

**Graeme Purdy, CEO of Ilika, said:** *"We are excited that that our new automated pilot line is now producing high-quality, consistent battery prototypes for our partners to evaluate. This achievement is a significant milestone toward bringing our technology to market, further opening the window for licensing discussions with manufacturers."*

**Head of Battery Development at a major UK automotive supplier serving global car manufacturers said:** *"Here in the UK and more broadly in Europe, there is significant interest in developing technical solutions that are differentiated from the offerings available from established cell manufacturers. We look forward to evaluating these 10Ah prototypes from Ilika, which demonstrate the Company’s sustained capability to improve and mature their product for commercial roll-out."*

The information communicated within this announcement is deemed to constitute inside information as stipulated under the Market Abuse Regulations (EU) No. 596/2014 which is part of UK law by virtue of the European Union (withdrawal) Act 2018. Upon the publication of this announcement, this inside information is now considered to be in the public domain.

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**About Ilika plc**

Ilika is a global expert in the development of solid-state battery technology for electric vehicles, medical devices and consumer appliances. The Company's pioneering next-generation technologies aim to provide scalable, affordable alternatives to conventional batteries, to industries which need to incorporate a smaller, lighter, and safer power source in their products.

The Company has two product lines. Its Stereax batteries are designed for powering miniature medical implants, industrial wireless sensors and Internet of Things (IoT) applications and the Goliath large format batteries are designed for EV cars and cordless appliances.

Through its licensing business model, Ilika supplies its IP portfolio to both OEMs and manufacturing partners in exchange for a license fee and future royalties.