

# Launching super fast charging electric car batteries, 80% capacity in 5 minutes

Nybolt, a British startup company, has just launched a super-fast charging electric vehicle battery model, charging 80% of its capacity in just 5 minutes, marking a new breakthrough for the electric vehicle industry.

Nybolt researchers, led by Dr. Clare Gray, a leading battery scientist from the University of Cambridge, and Dr. Shivareddy, a Cambridge alumnus, spent a decade of intensive research creating the battery technology. This new electric car.



In particular, this new battery has a unique design that helps reduce the heat generated during charging, helping to improve battery performance and life.

The anode material used to make this type of electric vehicle battery is optimized to allow faster electron transfer, contributing to improved charging efficiency.

Information from Nyobolt said that the new electric vehicle battery can withstand more than 4,000 fast charging cycles, equivalent to a travel distance of about 965,600 km and the battery capacity remains more than 80%.

This number is much higher than the battery life of current electric vehicles. This will help bring significant economic benefits to users.

Nybolt's battery compared to the famous Tesla Supercharger, has a significantly faster charging speed, helping to shorten charging time and improve user experience.

In addition, low heat generation also makes this new battery safer, minimizing the risk of fire and explosion during charging.

The Nybolt battery (35 kWh) has a compact size, which will open up the potential for a wide range of applications, from personal electric vehicles to buses and trucks.

Charging times are a major barrier to widespread adoption of electric vehicles. The introduction of Nybolt batteries marks an important step forward in solving this charging time challenge. With super fast charging speed and high durability, Nybolt batteries can boost the demand for electric vehicles in the world, contributing to the development of green transportation as well as reducing carbon emissions.

Nyobolt is currently negotiating with eight electric car manufacturers to supply batteries for new vehicle models.

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