

AUTOMOTIVE

Jaguar Land Rover gives second life to batteries

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Jaguar Land Rover is hoping to reach net-zero emissions by 2039, starting with reusing batteries. Image credit: Jaguar Land Rover

By LUXURY DAILY NEWS SERVICE

British automaker Jaguar Land Rover has partnered with energy company **Pramac** to reuse Jaguar I-Pace batteries for portable zero-emission energy storage units.

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This partnership marks the first step in the automaker's strategic plans to implement circular business models for its vehicle batteries. As part of its commitment to become net-zero by 2039, the Jaguar Land Rover will continue unveiling programs that give new life and offer new uses for its electric vehicle batteries.

"This announcement is a great example of how we will collaborate with industry leaders to deliver our sustainable future and achieve a truly circular economy," said Andrew Whitworth, battery manager of the circular economy team at **Jaguar Land Rover**, in a statement.

"We're delighted to be working with Pramac to use Jaguar I-Pace second-life batteries to provide portable zero-emissions power and supporting Jaguar TCS Racing this season was an excellent opportunity to demonstrate what these units are capable of."

Sustainability at its core

Charged using solar panels, the Off-Grid Battery Energy Storage System (ESS), which features lithium-ion cells from Jaguar I-Pace batteries from test vehicles, supplies zero-emission power where access to the main supply is limited or unavailable.

According to Jaguar Land Rover, the units are fitted with Type 2 Electric Vehicle (EV) charge connections with dynamic control and rated at up to 22kW AC to allow electric vehicle charging.



Pramac recycles the battery from the Jaguar I-PACE electric SUV. Image credit: Jaguar Land Rover

The system has a capacity of up to 125kWh, which is enough to fully charge the automaker's I-Pace sport utility vehicle.

Pramac recycles up to 85 percent of the battery for the energy unit, while the remaining materials are put back into the supply chain.

To showcase the energy storage system, Jaguar TCS Racing prepared for the 2022 ABB FIA Formula E World Championship by using the energy unit to power the team's diagnostic equipment analyzing the race cars' track performance and supply power to the Jaguar pit garage.

An Off-Grid Battery ESS will also be utilized at the Jaguar Land Rover Experience Center in Johannesburg, South Africa to help the site cope with inconsistent power delivery from the main power supply.

In October 2021, Jaguar Land Rover announced the execution of its first digital trial for tracking the supply chain of its leather. The automaker partnered with supply chain traceability provider Circulor to trial the use of traceability technology in the leather supply chain, aiming to ensure full transparency.

The digital process has assisted Jaguar Land Rover in assessing the carbon footprint of its leather supply network, an effort under its Reimagine sustainability strategy ([see story](#)).

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