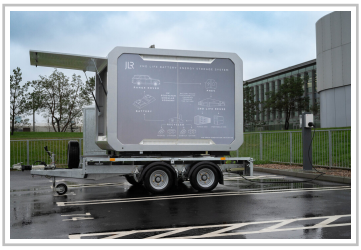
The fast charger on wheels from Jaguar Land Rover

Jaguar Land Rover (JLR) has developed a mobile battery storage system (Battery Energy Storage System, BESS for short) consisting of used plug-in hybrid batteries. The fast charger on wheels uses seven batteries that can store up to 270 kWh - enough to supply an average British household with electricity for almost a month, according to JLR. Or to fully charge up to nine Range Rover PHEV vehicles at the same time.

The device, developed with energy storage start-up Allye Energy, is already being used by JLR engineers for their global test drives of the new Range Rover Electric, which is due to be launched later this year. To date, the automotive industry has generally used diesel generators to carry out such vehicle tests, events or vehicle launches in remote or off-grid areas.

The BESS, which weighs just under 3.5 tons, can also be used as a mobile or stationary energy storage system for retailers or JLR locations in order to make better use of renewable energies such as solar energy or as a local energy buffer to enable fast charging. Commercial use outside the JLR car world is also being considered. (aum)

Images for article



Mobile battery storage system BESS (Battery Energy Storage System) from JLR.

Photo: Autoren-Union Mobilität

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