



## 560 kWh battery

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The battery allows for a 50 percent reduction in the number of cells and a 47 percent reduction in the number of Pack parts, resulting in a 30 percent increase in productivity, according to Eve Energy.

Chinese lithium battery maker Eve Energy has announced a new generation of energy storage batteries with twice the capacity of the industry's current mainstream high-capacity cells.

The LF560K battery is based on CTT (Cell to TWh) technology, a cell technology for TWh-class energy storage scales that reduces the cost of cells and energy storage systems, Eve Energy said, adding that delivery of the cells will begin in the second quarter of 2024.

The LF560K cell reduces total system cost and can store 1.792 kWh of energy in a single cell with a cycle life of more than 12,000 cycles, according to the company.

Compared to the LF280K battery, the LF560K battery allows for a 50 percent reduction in the number of cells in an energy storage system and a 47 percent reduction in the number of Pack parts, resulting in a 30 percent increase in production efficiency, the company said.

Since the end of September, a continuing shortage of battery supplies has led to a common suspension of orders by energy storage system manufacturers, China Energy News reported in an October 18 story.

The worst current shortage of cells is for large cells with a capacity of 280 Ah. They have higher energy density and use fewer parts than 50-100 Ah cells, which can result in significant cost savings in investment, according to the report.

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The LF560K battery adopts CTT (Cell to TWh) technology, an innovative cell technology for TWh level energy storage, which makes system integration extremely simple and enables cost reduction at both the cell and system level, and is expected to start global delivery in the second quarter of 2024.

Built to power an off grid farm or home during a cold North Dakota winter, the DL+ 12V 560 Ah battery is our most compact and powerful battery yet -- ready for long expeditions in your RV, extended ocean voyages



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in your boat, or plenty of power for your air conditioner or off grid system. Engineered for maximum energy density, this battery has 560 Amp Hours of capacity in a waterproof battery case the size of a two 100 Amp Hour batteries. That's 6X the amount of usable power, allowing you to replace a marine or solar battery bank of 12 AGM or lead acid batteries with a single DL+ 560.

Plus 1,000 cold cranking amps of engine starting power, making this battery the ultimate single battery solution for boats, RVs, food trucks, barns, garages, workshops, or any vehicle or space where you need a house battery that can jump start your engine. Also includes internal heating for charging in extreme cold. CAN bus communication port allows the battery to talk CAN bus electronics, allowing you to build smart power systems.

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