

460 kWh catl energy storage

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Chinese battery giant Contemporary Amperex Technology Co Ltd (CATL, SHE: 300750) has launched its new energy storage system Tianheng, or Tener, to further tap the energy storage market.

Tener has a cycle life of more than 15,000, which is 1.7 times the current mainstream level, and will not decay in the first five years of its 20-year life expectancy, CATL said.

By the end of 2023, China's share of wind and photovoltaic power generation reached 15.3 percent, and in some regions exceeded 20 percent, said Hui Dong, chief technology expert at the China Electric Power Research Institute, at CATL's launch event.

However, the actual operating life of power-based energy storage systems in China is currently less than three years on average, compared with an expected life of 10 years, and the actual operating life of energy-based energy storage systems is less than eight years on average, compared with an expected life of 15 years, Hui said.

CATL has been involved in 0-attenuation long-life battery technology for a long time, achieving a balance between energy density and safety on the Tener system, said Xu Jinmei, CTO of the company's energy storage business unit.

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