

A-Core Container

Energy Storage Battery AC1



Overview

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The Australian Renewable Energy Agency (ARENA) has invested \$25 million in Melbourne-based company Relectrify to fast-track the roll-out of its world-first battery energy storage system, the AC1. Unlike conventional batteries, the AC1 can generate grid-ready AC power directly from battery cells.

Relectrify has unveiled its AC1 Battery Energy Storage System (AC1 BESS), designed to make large-scale battery systems more efficient, durable and affordable. Supported by a \$25 million grant from the Australian Renewable Energy Agency (ARENA), the AC1 BESS will be deployed across grid-scale.

Battery Energy Storage Systems, or BESS, help stabilize electrical grids by providing steady power flow despite fluctuations from inconsistent generation of renewable energy sources and other disruptions. While BESS technology is designed to bolster grid reliability, lithium battery fires at some.

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