



## 5kWh\* Commercial Battery

Vanguard is expanding their commercial battery lineup to include a [5kWh\\* Diecast Commercial Battery](#). This battery features a diecast aluminum enclosure that provides protection and durability for the internal Cell Module Assembly (CMA) units. Designed to deliver a 2,000-cycle lifespan with virtually no scheduled maintenance, the 5kWh\* can be seamlessly integrated and serviced while operators receive instant power for the tasks at hand. This is a total modular solution OEMs and operators can count on.

The Battery Management System (BMS) constantly monitors voltage and temperature to ensure safe and efficient operations. OEMs can easily exchange information with the battery pack using its two CANbus ports. One CANbus uses the J1939 automotive standard, while the other is designed for uncomplicated data transfer with the OEM's current communication network: No reprogramming of that network is required.

Accompanying the current lineup of batteries, the 5kWh\* shares many of the benefits found in the [1.5kWh\\*](#), [3.5kWh\\*](#), [3.8kWh\\*](#), [7kWh\\*](#) and [10kWh\\*](#) batteries, while also adding some new features. Vanguard batteries also come with service and support through a [three-year commercial limited warranty\\*\\*](#) and are backed by the vast Briggs & Stratton dealer network. The 5kWh\* Lithium-Ion battery pack will be available beginning January 2023.

Vanguard | Milwaukee, Wis. | [vanguardpower.com](http://vanguardpower.com)

\*Total energy measured using a 0.2C discharge per IEC 61960-3:2017