



Vanguard™ Commercial Batteries LFP Fixed Series (Fi)

The Vanguard 48V LFP 5kWh* and 10kWh* battery packs represent a next-generation power platform.

Vanguard's move to Lithium Iron Phosphate (LFP) technology offers customers enhanced cycle life, improved thermal stability and a lower-cost battery solution compared to legacy chemistries. Both LFP packs are built to meet UL 2271 safety standards, streamlining OEM integration and satisfying regional compliance requirements.

5kWh* LFP Battery (Fi5.3)

Vanguard is now offering the 5kWh* battery pack, utilizing LFP cell technology to deliver enhanced cycle life, improved thermal management and lower production costs compared to traditional cylindrical honeycomb battery designs.

10kWh* LFP Battery (Fi10.7)

The 10kWh* battery pack is a total solution that provides instant, reliable power. Designed with the same advanced LFP cell technology as the 5kWh* battery pack, it features integrated pack heating, standard on the 10kWh* model, to ensure efficient charge and discharge operation in cold climate conditions.

Vanguard battery packs are assembled in the USA to offer supply chain resiliency, backed by a robust commercial warranty and global service network capable of servicing and replacing units.

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

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