



# Battery 380 kWh

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The Trojan J185PG-AC 12V Flooded Lead Acid Battery with Bayonet Cap holds up to demanding environments and is specially designed to withstand the tough requirements that come with floor cleaning. You get the reliability and uninterrupted performance you need to get the job done, while keeping costs low.

Choosing a battery size is more of an art than a science because it requires a balancing act between your goals, critical electricity needs, and budget. As a rule of thumb, 10 kWh of battery storage paired with a solar system sized to 100% of the home's annual electricity consumption can power essential electricity systems for three days.

Available in three cabinet sizes: 9kWh, 13.5kWh and 18 kWh. Stackable - connect up to four units together to achieve up to 72kWh of usable storage capacity for whole-home power. Best-in-class power output during grid outages vs. competing models.

The Stack'd Series LFP batteries are a modular platform that can be scaled in 4.8 kWh increments, from 9.6 kWh to 38.4 kWh. The company is vertically integrated, using its own Tier 1...

Battery capacity, also known as energy capacity, refers to the amount of energy a battery can deliver over a specific period. It's measured in kilowatt-hours (kWh) and calculated by multiplying the battery's voltage by its ampere-hours (Ah).

Length / 15.41 (391)Width / 6.90 (175)Height / 14.65 (372)

-4°F to 113°F (-20°C to +45°C)

Lithion's Stack'd Series LFP batteries are modular and can be scaled in 4.8 kWh increments, from 9.6 kWh to 38.4 kWh.

Lithion said this week that its lithium-ferro-phosphate (LFP) residential battery is now UL-certified when paired with Sol-Ark 12K hybrid inverters. The company achieved UL 9540 certification after going through rigorous testing for reliability and safety.

The Stack'd Series LFP batteries are a modular platform that can be scaled in 4.8 kWh increments, from 9.6 kWh to 38.4 kWh. The company is vertically integrated, using its own Tier 1 prismatic cells in the composition of the battery.

While many battery providers claim whole home backup capability, central A/C and other large appliances may not be able to start up after an outage, Lithion said. The company's battery is capable of up to 16.8 kW



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surge and 14.4 kW continuous power, providing true whole-home backup.

LFP batteries are known for their reduced fire risk due to the elimination of cobalt, which is known to be connected to mining practices that have human rights and environmental concerns. The company said its batteries are designed to be readily recyclable at the end of their lifecycle.

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