



## Energizr 200

- Storage Capacity: 5.2 kWh to 20.8 kWh, up to 8 JLM Battery Packs per system
- Inverter and Solar Capacity (kW): 3.8, 5.2, 6.2, 7.6, 8.2
- Field upgradeable
- NEMA-3R Outdoor Rated
- Wall mountable on 2 adjacent studs (16" or 24" offset)
- Integrated support for smart thermostats, real-time whole-house power measurement, and real-time control of loads
- Communications: WiFi and /or Modbus RTU
- Optional on-board AC charger: 1 kW or 2 kW
- Optional 4.4 kW off-grid capability with built-in support for an external transfer switch

Energizr 200 energy storage system is a flexible solution that works in harmony with solar power and the utility grid to reduce your utility bill. Energy is most expensive during peak demand hours. Energizr 200 optimizes the way you use your power within the budget you establish. The smart system analyzes your energy usage habits and makes efficiency recommendations. So small lifestyle changes, like adjusting what time of day you run the dishwasher, can make a big impact.

JLM's Measurz software monitors how much energy you are using in real-time and then automatically draws from your solar system, the batteries or the grid based on what is most efficient for your lifestyle.

Energizr 200 uses JLM's proprietary technology, Symmetrical DC Regulation, to regulate the interaction between the system batteries and the installed solar panels. This adjusts the amount of power that is exported to the grid from the home solar system without efficiency losses that occur when electricity is stored in batteries.

When the batteries are fully charged, the inverter transfers all available solar power to the grid. For customers with net metering, utility companies purchase this excess solar energy. During peak energy consumption hours, particularly when utility tariffs call for demand or time-of-use (TOU) charges, Energizr 200 automatically shifts the home's energy source to batteries and enables consumers to avoid additional charges.

## BATTERY SPECIFICATIONS

Chemistry	Lithium Iron Phosphate (LiFePO4)
Number of Battery Packs	2 to 8
Single Battery Pack DC Voltage	52.0 VDC
Battery System DC Voltage Range (system)	100 to 460 VDC
Operating Temperature Range	-20° C (-4° F) to 60° C (140° F)
Ambient Temperature Range	-20° C (-4° F) to 60° C (140° F)

## OPTIONAL CHARGER SPECIFICATIONS

Charger AC Current Max.	Fused at 20A
Charger AC Voltage Input	240 VAC Split-phase
Charger Max. DC Voltage Output	470.0 VDC

## AC CONNECTION SPECIFICATIONS

AC Voltage Input	240 VAC Split-phase
AC Input Current Max.	40A
AC Output Current Max.	40A
AC Frequency	60 Hz

## DC CONNECTION SPECIFICATIONS

Number of Solar Strings	3
Number of DC Output Channels	1
Open Circuit DC Voltage Max.	600 VDC
Operating DC Voltage Range	100 to 600V

Specifications subject to change without notice – please ensure this is the most recent update found at [www.jlmei.com](http://www.jlmei.com)