

Features

- Size: 66" H x 32" W x 9" D
- Storage capacity: 7.8 kWh to 20.8 kWh (kilowatt hours) (up to 8 JLM battery packs per system)
- Inverter and solar capacity (kW): 3.8 / 5.2 / 6.2 / 7.6
- Field upgradeable
- Wall mountable on 2 adjacent studs (16 in. or 14 in. offset)
- Integrated support for smart thermostats, real-time whole-house power measurement, and real-time control of loads
- Communications: Wi-Fi and/or Modbus RTU
- Optional on-board AC charger: 1 kW or 2 kW

CALL FOR A QUOTE
(800) 475-3960

Summary

Energizr™ 200 energy storage system is a grid-synergistic solution that works in harmony with solar power and the utility grid to reduce your utility bill.

The system is controlled by JLM's Measurz™ software, providing it with a wide collection of discharge strategies aimed at saving the most money possible for a given region. These strategies include demand shaving, time-of-use shifting, and solar self-supply. Depending on the strategy in use, the way solar energy is managed can vary from case-to-case. In regions where net metering is unavailable, all excess solar

production is either consumed directly by the home or stored in the system's batteries, while exporting to the grid is completely disabled.

To achieve maximum efficiency, Energizr™ 200 uses JLM's proprietary Symmetric DC Regulation (SDCR) technology. SDCR ties solar panels directly to the system's batteries, without the need for a charge controller or boost converter. The result is a significant reduction in round trip losses. In addition, SDCR is the only technology that allows energy produced by solar to charge a battery and power a home simultaneously using a single inverter.



Battery Specifications

Chemistry	Lithium Iron Phosphate (LiFePO4)
Number of Battery Packs	3 (up to 8)
Single Battery Pack DC Voltage	52.0 VDC (Volts of Direct Current)
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 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

Certifications

UL Certifications	UL 1642 File Number MH49498
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Call (800) 475-3960 to learn more about your customized energy solution.