Lfp smart 25 6 200 a

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Build your Lithium Iron Phosphate (LiFePO4) battery bank with Victron’s Smart Batteries. They are available in 12.8 and 25.6 Volts. Up to 20 batteries can be wired in series and parallel to configure your bank in 12V, 24V, or 48V nominal and to the desired capacity. Each cell in Victron’s Smart Lithium Battery has a nominal voltage of 3.2V. The 12.8V batteries are made of 4 cells connected in series, while the 25.6V battery has 8 cells. See the following table for the available models, voltage, and battery Ah capacity.

Victron Lithium (LFP) batteries feature integrated cell balancing and cell monitoring. The cell balancing monitoring cables are included; they can be daisy-chained between the batteries and terminated in a Victron BMS. Victron recommends having fewer batteries in series to reduce balancing time. For 24V systems, use the 25.6V battery; for 48V systems, use two 25.6V batteries instead of 4 12.8 models.

VE. Bus BMS – is recommended for systems with Victron Multiplus or Quattro inverter/chargers.– Controls MultiPlus or Quattro via VE.Bus– Controls loads and chargers via on/off signals– Pre-alarm signal

VE.Bus BMS V2 – is recommended for systems with Victron Multiplus or Quattro inverter/chargers.– Controls MultiPlus or Quattro via VE.Bus– Controls loads and chargers via on/off signals– Pre-alarm signal– Remote On/Off terminals– Remote Panel port for communication with a GX device or DMC to control inverter/charger switch state– Auxiliary power input and output terminals to power a GX device

Lynx Smart BMS – is recommended for large systems with multiple batteries in parallel and DC loads.– Controls loads and chargers via on/off signals.– Controls inverter/chargers, solar chargers, and select AC chargers via DVCC.– Pre-alarm signal.– 500A contactor to disconnect system positive– Battery monitor– Bluetooth.– Connects to a GX device via VE.Can– Remote On/Off/Standby via VictronConnect app or a GX device– Installed in system positive and negative.– Instant readout via Bluetooth

Lithium-iron-phosphate (LiFePO4 or LFP) is the safest of the mainstream li-ion battery types. The nominal voltage of a LFP cell is 3,2V (lead-acid: 2V/cell). A 12,8V LFP battery therefore consists of 4 cells connected in series; and a 25,6V battery consists of 8 cells connected in series.

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