



## 20 kWh lithium ion battery

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This is a combination 2pcs CMX48200W for residential energy storage system. Total 51.2v 400Ah. Rated energy 20 kwh. This small 20kwh is suitable for a normal home use. Can work with many different brand inverters. Please check with our sales team to confirm if your inverter compatible with this battery. The battery built in CATL LiFePo4 lithium ion battery. Prismatic type. and built in ESS BMS. Super long life cycles 10+ year warranty.

Coremax CMX48200W is a scalable powerwall design add up to 16 batteries with a total 160 Kwh Power. This battery offer 10Kwh, 20Kwh, 30Kwh, 40Kwh, 50Kwh, 60Kwh, 70Kwh, 80Kwh, 90Kwh, 100 Kwh, 110 Kwh, 120 Kwh, 130 Kwh, 140 Kwh, 150 Kwh, 160 Kwh Power storage system.

1. Advanced lithium iron phosphate technology, first class battery control system made by Contemporary Amperex Technology, the world's biggest maker of electric-vehicle batteries who specializes in the manufacturing of lithium-ion batteries for electric vehicles and energy storage systems, as well as battery management systems (BMS).

This Coremax 20 KWH Power Reserve Power Wall battery storage system has a 20 kWh useable capacity. This is a complete system that comes ready for connection, durable battery, intelligent energy manager and display screen. CMX uses lithium-iron phosphate (LiFePO<sub>4</sub>) battery technology, one of the most reliable, safest and longest-lasting storage technologies currently available. LiFePO<sub>4</sub> is a popular technology for stationary storage systems due to its uniquely high chemical stability and resulting high reliability, durability and long lifespan.

Computer monitor software for Battery bank BMS is available for this 10 kwh power wall bank. The monitor software communicate with windows computer or Mac OS. by RS485-USB. This software will allow you monitor all states of the battery working conditions. Like Discharge current, voltage, charging current, Temp of the cells and BMS. SOC of the battery system and SOH of the pack. In addition, the BMS software will be possible to read all history records which is recorded by BMS while it was working. So, if anything happens, we can easily check information, alarm from the Software.

Coremax Use only A grade Brand new cells for this 16S2P Lithium ion battery Powerwall storage bank. Brand Like CATL or Guoxuan prismatic cells. Sometimes we can use BYD or EVE depends on customer require and availability of the cells.

This lifepo4 battery for solar storage is an ideal addition to solar panel systems. It is a tesla power wall alternative designed for off-grid /on grid case where house owners need or want to become independent of their utility. This 48 volt 400ah 20kwh lithium ion battery power wall ESS allows you to maintain a sustained power supply during the day or night.

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In this mode, the power supply to the load is fed by the solar panel input. The amount of electricity generated by the solar cell is stored in the battery in addition to the user load. When the amount of electricity generated by solar does not meet the user load, the amount of electricity stored in the battery is replenished to the load.

In this mode, the power supply of the load is provided by the mains input. Solar power only charges the battery; When the battery power is seriously insufficient, the AC mains will start to charge the battery. When the AC mains is powered off or abnormal, the system will switch to the battery to supply power to the load.

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