## Lithium ion battery 190 kWh



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The German company also said clearly that by 2020 their batteries should be capable of storing "twice as much energy" while costing significantly less. Twice as much as... (no bottom value included).

Ochs and his colleagues firmly believe that improved lithium technology will make it possible to achieve these goals. "There is still a long way to go when it comes to lithium," Ochs says. To make progress in this area, his team in Renningen is working closely with Bosch experts in Shanghai and Palo Alto. And as a further measure to advance lithium-ion battery research, Bosch has established the Lithium Energy and Power GmbH & Co. KG joint venture with GS Yuasa and the Mitsubishi Corporation.

Improved lithium-ion batteries would benefit not only drivers, but also all other applications that employ this technology, such as smartphones, laptops, tablets, cordless household appliances and tools, and many more products."

The BYD Battery-Box Premium LVS is a modular lithium iron phosphate (LFP) battery pack for use with an external inverter - we highly recommend Victron Energy Multiplus or Quattro inverter chargers with these units.

Alternatively, up to 16 Battery-Box LVS stacks consisting of between 1 and 4 battery modules can be connected in parallel to give a maximum capacity of 256 kWh. Additional LVS modules or parallel stacks can be added at any time to increase capacity.

Lead-acid batteries may fail prematurely due to operating in deficit mode (rarely or never fully charged) or if left partially charged or fully discharged. A lithium-ion battery does not need to be fully charged, with service life even slightly improved by partial charge. This means it is great for heavy duty usage such as liveaboard boats, motorhomes, caravans, and off-grid applications.

Please note that same-day deliveries depend on the availability of a suitable vehicle, and can"t be guaranteed, although we will make every effort to accommodate requests. Our operations team or your account handler will confirm the availability of a vehicle with you as soon as possible.

## SOLAR PRO.

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