## Battery management system 320 kWh



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The BYD Battery-Box LV Flex is a lithium iron phosphate (LFP) battery pack for use with an external inverter. The communication with the inverter is established through the Battery-Box Premium LV BMU (Battery Management Unit). Connect up to 64 LV Flex Modules in parallel on one BMU to reach individual capacities between 5 and 320 kWh. Thanks to it?s 3U design, the LV Flex can adapt to off-the-shelf racking systems. And with the possibility of stacking up to 4 units or installing them vertically, the LV Flex provides a variety of options for bespoke housing designs.

For over 30 years, GS Yuasa lithium-ion batteries have delivered unparalleled performance in critical applications.

Using proven Japanese engineering and technology, our state-of-the-art cells and modules have been used in thousands of projects where failure is not an option.

Location: JapanCapacity: 6,750 kWhPower: 10,000 kWSmooths and stores energy output at Hokkaido''s first mega-solar system installed with lithium-ion batteries.

Location: JapanCapacity: 100 kWhPower: 300 kWAccumulates renewable energy storing it for use during peak demand periods and during disasters.

Location: IrelandCapacity: 100 kWhPower: 100 kWUsed to amplify available grid power for rapid EV charging during peak demand.

Location: UKCapacity: 250 kWhPower: 100 kWDual chemistry energy storage system to integrate solar generation with port vehicle operations.

Location: JapanCapacity: 421 kWhPower: 200 kWStores energy to enable operation from fully renewable local sources with additional anti-disaster units.

Location: UKCapacity: 250 kWhPower: 100 kWThe world"s first dual chemistry energy storage system used to store renewable energy.

Location: ChileCapacity: 6,750 kWhPower: 20,000 kWProvides excess capacity to stabilise the electrical grid system.

Location: JapanCapacity: 506 kWhPower: 500 kWStores energy from local renewable sources to use at peak

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periods of manufacture.

Contact us for free full report

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