## 15 kWh byd energy storage



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BYD Battery-Box Premium LVS Limited Warranty-Commercial-Europe-PL V1.2. ...

Intelligent energy management. 10 years capacity warranty. Easy plug-and-play ...

BATTERY-BOX PREMIUM LVL. Scalable from 15.4 to 983 kWh. Compatible with 1 ...

The BYD Battery-Box Premium LVL is a lithium iron phosphate (LFP) battery for use with an external inverter.

Thanks to its control and communication unit (BMU), the Battery-Box Premium LVL scales to meet the project requirements, no matter how large they may be.

Start with Battery-Box Premium LVL15.4 (15.36 kWh) and extend later to 983 kWh using parallel interconnection of up to 64 batteries.

Scalable from 15.4 to 983 kWh Compatible with 1 and 3 Phase Inverters Cobalt Free Lithium Iron Phosphate (LFP) Battery: Maximum Safety, Life Cycle, and Power Capable of High-Powered Back-up and Off-Grid Function Space Saving via the Ability to Stack 2 Premium Batteries Add Additional Batteries in Parallel to Expand the System

Technical Parameters Model: Battery-Box Premium LVL (2021) 15.4 Number of Modules: 2 Usable Energy [1]: 15.36 kWh Max Output Current [2]: 250 A Peak Output Current [2]: 375 A, 5 s Nominal Voltage: 51.2 V Operating Voltage: 40-57.6 V Dimensions (H/W/D): 660 x 650 x 575 mm Weight: 168 kg Operating Temperature: -10 ?C bis +50?C Battery Cell Technology: Lithium Iron Phosphate (cobalt-free) Communication: CAN/RS485 Enclosure Protection Rating: IP20 Round-trip Efficiency: >=95% Scalability: Max. 64 in Parallel (983 kWh) Certification: IEC62619 / CE / CEC / UN38.3 Applications: ON Grid / ON Grid + Backup / OFF Grid Warranty [3]: 10 Years

[1] DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at + 25 ?C. System Usable Energy may vary with different inverter brands [2] Charge derating will occur between -10 ?C and +5 ?C [3] Conditions apply. Refer to BYD Battery-Box Premium Limited Warranty Letter.

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2% Discount for Prepayment by Bank Transfer

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