

BATTERY-BOX PREMIUM LVL (2021)

- 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



BATTERY-BOX PREMIUM LVL (2021)

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.

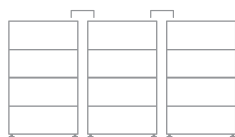
The version LVL (2021) is fully compatible with older LVL versions and brings additional advantages like an even easier installation.



FLEXIBLE, EFFICIENT, SIMPLE



Easy Installation
With Easy Transportation



15.4 - 983 kWh
Tailored Sizing for Each Application



Extend Anytime
Easily Adapts to New Requirements



High Power
Power for Every Application



TECHNICAL PARAMETERS PREMIUM LVL (2021)



LVL (2021)

Number of Modules	2
Usable Energy [1]	15.36 kWh
Max Cont. Output Current [2]	250 A
Peak Output Current [2]	375 A, 5 s
Dimensions (H/W/D)	660x 650x 575 mm
Weight	168 kg
Nominal Voltage	51.2 V
Operating Voltage	40-57.6 V
Operating Temperature	-10 °C to +50 °C
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)
Communication	CAN
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
Compatible Inverters	Refer to BYD Battery-Box Premium LVL Minimum Configuration List

[1] DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at + 25 °C. System usable energy may vary due to system configuration parameters.

[2] Charge derating will occur between -10 °C and +5 °C

[3] Conditions apply. Refer to BYD Battery-Box Premium Limited Warranty Letter.



BYD Company Limited

www.bydbatterybox.com
Global Sales: batteryboxgrp@byd.com
Global Service: bboxservice@byd.com

Battery-Box EU Service Partner

EFT-Systems GmbH
www.eft-systems.de
info@eft-systems.de

Battery-Box AU Service Partner

Alps Power Pty Ltd
www.alppower.com.au
service@alppower.com.au

Battery-Box ZA Service Partner

Afriplus Energy Group (Pty) Ltd
www.afriplusenergy.co.za
support@afriplusenergy.co.za

Battery-Box US Service

BYD AMERICA LLC
www.bydbatterybox.com
us.homeenergy@byd.com



V 2.3 EN