



**Battery
Box**

BATTERYBOX PREMIUM LVL



KEY FEATURES



Safety

LFP cells developed in-house
Proven in millions of EVs



Reliability

LFP expertise since 2002
1M+ systems in 100+ countries



High Performance

High power in on-grid / off-grid /
backup scenarios



Space Saving

2 Premium batteries stack



Perfect Compatibility

Compatible with leading single
& three phase inverters

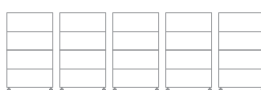
BATTERYBOX PREMIUM LVL



LVL 15.4



2 x LVL 15.4



64 x LVL 15.4

Maximum capacity of

983 kWh



TECHNICAL PARAMETERS PREMIUM LVL



LVL15.4 (2021)

PERFORMANCE

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)	660 x 650 x 575 mm
Weight	168 kg

GENERAL DATA

Nominal Voltage	51.2 V
Operating Voltage	40 - 57.6 V
Operating Temperature	-10°C to +50°C
Battery Type	Lithium Iron Phosphate (LiFePO4)
Communication	CAN
Protection Rating	IP20
Round-trip Efficiency	≥ 95%
Environment	Indoor
Mounting Method	Floor Stand
Certification	IEC62619 / CE / CEC / UN38.3
Applications	ON Grid / ON Grid + Backup / OFF Grid
Warranty ^[3]	10 Years
Compatible Inverters	   GOODWE Deye SUNGROW ...

[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.