

BATTERYBOX PREMIUM LVL



KEY FEATURE



Safety

- Self-developed LFP Battery
- Safety Proved by Millions of Electric Vehicles



Reliability

- LFP R&D Started from 2002
- 1,000,000+ Systems in 90+ Countries



High Performance

- High Power in On-grid / Off-grid / Backup Scenarios
- 100% Usable Capacity



Space Saving

- 2 Premium Batteries Stack



Perfect Compatibility

- Compatible with Leading Single & Three Phase Inverter

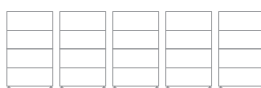
BATTERYBOX PREMIUM LVL



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 (LiFePO ₄)
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 ...

[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.