



BATTERY-MAX LITEIN



KEY FEATURES



Safety

LFP cells developed in-house
Proven in millions of EVs



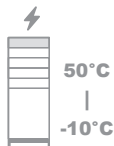
Reliability

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



Flexibility

Flexible capacity options 30kWh ~ 2.64MWh
Tailored indoor rack



High Performance

1C fast charging and discharging



Easy Installation

Quick set-up
Easy commissioning



Intelligent Management

Asset management
Battery working monitoring

BATTERY-MAX LITEIN



LITEIN 30



LITEIN 82.5



32 x LITEIN 82.5

Maximum capacity of

2.64 MWh

TECHNICAL PARAMETERS LITEIN



PERFORMANCE

Battery Module	LITEIN Module (7.5 kWh, 76.8 V, 65 kg)							
Number of Modules	4	5	6	7	8	9	10	11
Usable Energy ^[1]	30 kWh	37.5 kWh	45 kWh	52.5 kWh	60 kWh	67.5 kWh	75 kWh	82.5 kWh
Nominal Voltage	307 V	383 V	460 V	537 V	614 V	691 V	767 V	844 V
Operating Voltage	259 ~ 355 V	324 ~ 444 V	389 ~ 532 V	453 ~ 621 V	518 ~ 710 V	583 ~ 799 V	648 ~ 888 V	712 ~ 976 V
Weight	344 kg	409 kg	474 kg	539 kg	604 kg	669 kg	734 kg	799 kg

GENERAL DATA

Dimensions (H/W/D)	1960 x 595 x 640 mm
Max Output Current ^[2]	100 A
Peak Output Current ^[2]	170 A, 3 s
Operating Temperature	-10°C to +50°C
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)
Communication	CAN / RS485 / Modbus TCP
Enclosure Protection Rating	IP20
Round-trip Efficiency	≥ 95%
Certification	CE / UN 38.3 / IEC62040 / IEC62619
Applications	ON Grid / ON Grid + Backup / OFF Grid / Black Start
Warranty	Max 10 Years
Compatibilities	Refer to BYD Battery-Max LiteIn Compatibility List

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

[2] Power derating will occur between -20 °C and +5 °C