

BATTERY-MAX LITEIN

- Modular concept with flexible capacity from 30 kWh to 2.64 MWh
- Compatible with leading inverter partners: Flexibility to combine the best components for the individual application
- Open battery interface to be integrated into any energy system
- Easy to install. Compact, standardized indoor cabinet
- Self consumption of renewable energy
- Powerboost and EV Charging Optimization
- Peak Shaving
- Back-Up and Off-Grid

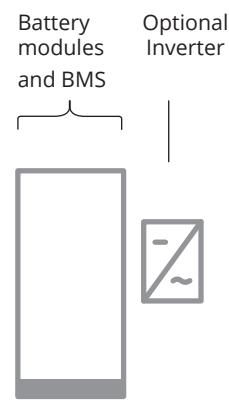


BATTERY-MAX LITEIN

The Battery-Max Litein is the storage system that provides Commercial and Industrial (C&I) consumers with all performance they're looking for while also being easy to use and safe. It brings to the C&I field the strengths of the Battery-Box: plug and play design, safe battery chemistry, and top technical performance.

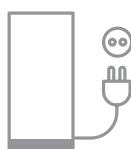
The Battery-Max Litein is designed to be „the“ battery in your energy system. By pairing with top-tier external inverters and offering an open interface for easy system integration, the Battery-Max Litein activates a vast number of business models. For instance, combining with renewable resources to maximize self-consumption, manage consumption peaks, backup or provide energy in other special use cases.

One Battery-Max Litein provides capacities of 30 to 82.5 kWh. Connecting up to 32 Battery-Max Litein in parallel allows for system capacities up to 2.64 MWh.



Battery-Max Litein

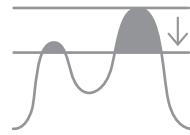
FLEXIBLE, EFFICIENT, SIMPLE



Easy plug-in installation



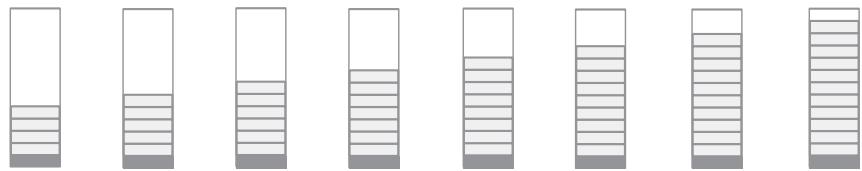
10 years capacity warranty



Wide application range



TECHNICAL PARAMETERS LITEIN



LITEIN 30 LITEIN 37.5 LITEIN 45 LITEIN 52.5 LITEIN 60 LITEIN 67.5 LITEIN 75 LITEIN 82.5

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 ~ 532V	453 ~ 621 V	518 ~ 710 V	583 ~ 799 V	648 ~ 888 V	712 ~ 976 V	
Weight	382 kg	447 kg	512 kg	577 kg	642 kg	707 kg	772 kg	837 kg	
Dimensions (H/W/D)	1960 x 596 x 660 mm								
Max Output Current [2]	100 A								
Peak Output Current [2]	170 A, 3 s								
Operating Temperature	-20 °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 / Start from AC / Pre-charge Circuit								
Warranty [3]	Max 10 Years								
Compatibilities	Refer to BYD Battery-Max Liteln 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

[3] Conditions apply. Refer to BYD Battery-Max Liteln Limited Warranty Letter.



BYD Company Limited

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Battery-Box ZA Service Partner

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Battery
Box

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