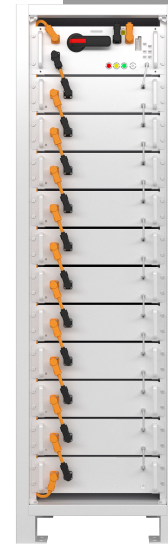


BATTERY-MAX LITEIN

- 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

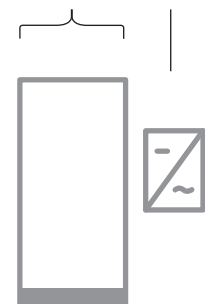
The Battery-Max Litein is the storage system that provides Commercial and Industrial (C&I) consumers with all performance they're looking for while also being easy to use and safe. It brings to the C&I field the strengths of the Battery-Box: plug and play design, safe battery chemistry, and top technical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

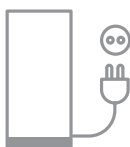
Battery modules and BMS

Optional Inverter



Battery-Max Litein

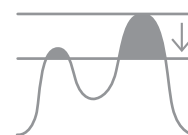
FLEXIBLE, EFFICIENT, SIMPLE



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 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

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



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