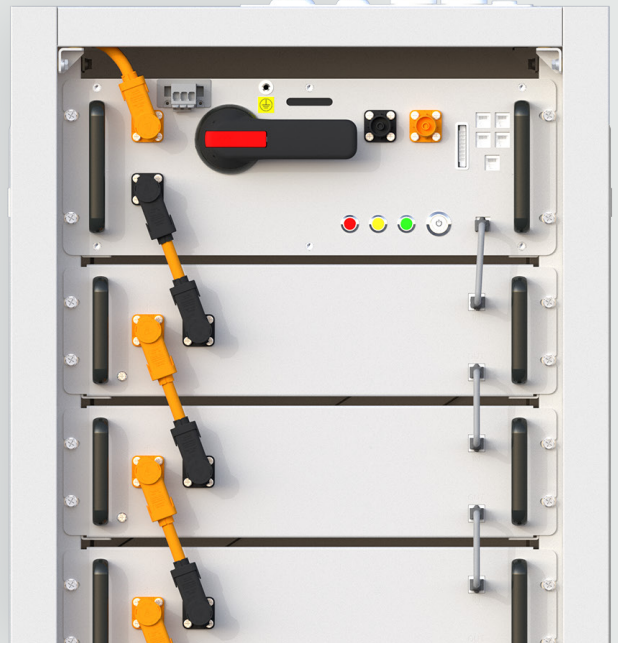


# BATTERY-MAX LITEIN



## KEY FEATURES



### Safety

LFP cells developed in-house  
Proven in millions of EVs



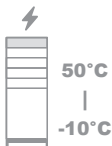
### Reliability

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 <sup>[1]</sup> | 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 ~<br>355 V                         | 324 ~<br>444 V | 389 ~<br>532 V | 453 ~<br>621 V | 518 ~<br>710 V | 583 ~<br>799 V | 648 ~<br>888 V | 712 ~<br>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 <sup>[2]</sup>  | 100 A                                               |
| Peak Output Current <sup>[2]</sup> | 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                    |                                                     |

[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