



## SAFE

Grade A  
LiFePO<sub>4</sub> Cell

## RELIABLE

Compatible with  
Major PCS Brand

## SCALABLE

Scalable From 10.5  
To 737.1 kWh

| Model | lite 10K5 | AIR 11K7 |
|-------|-----------|----------|
|-------|-----------|----------|

| Performance           |          |          |
|-----------------------|----------|----------|
| Nominal Voltage       | 51.2 Vdc |          |
| Nominal Capacity      | 205 Ah   | 230 Ah   |
| Battery Energy        | 10.5 kWh | 11.7 kWh |
| Charge Current        | 100 A    |          |
| Charge Power          | 6.14 kWh |          |
| Discharge Current     | 170 A    |          |
| Discharge Power       | 8.7 kW   |          |
| Short Circuit Current | 540 A    |          |

| Communication |                   |                   |
|---------------|-------------------|-------------------|
| Display       | LED indicator     | Color touchscreen |
| Communication | CAN, RS485, RS232 |                   |

| General Specification        |  |
|------------------------------|--|
| Dimension (WxDxH mm)         | 465 x 230 x 695 mm                           |
| Weight (kg)                  | 93 kg  |
| Installation                 | Floor Stand or Wall Mount                    |
| Operating Temperature        | Charge: 0~55°C / Discharge: -20°C ~ 55°C     |
| Operating / Storage Humidity | ≤95% RH                                      |
| Max Operating Altitude       | ≤2000 m                                      |
| IP Rating                    | IP20   |
| Cell Technology              | LiFePO <sub>4</sub> , Lithium Iron Phosphate |
| Cycle Life                   | 6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL |
| Scalability                  | Max 63 batteries in parallel                 |

| Standard Compliance (more available upon request) |            |
|---|------------|
| Certificates                                      | CE, UN38.3 |

| Ordering And Deliverable Part |  |   |
|-------------------------------|--|---|
| Product Ordering Part         | lite 10K5 Battery<br>(Cable /wall<br>mount included) | AIR 11K7 Battery<br>(Cable /wall<br>mount included) |