


# 5K0-LT

Versatile.
Efficient.
Compact.

# 5K0 - LT

## LOW VOLTAGE

Lithium Energy Storage System

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# 5K0-LT
## SINGLE MODULE

## Specifications

| | | |
|---|---|---|
| BATTERY | Battery System Maximum Capacity | 5.12kWh |
| | Battery System Capacity | 100Ah |
| | Single Module Nominal Voltage | 51.2 Vdc |
| | Depth of Discharge | Up to 98% |
| SYSTEM | Modules Expandability | 15 direct parallel ( 105 with LV HUB accessory) |
| | Ingress Protection | IP20 (Indoor application Only) |
| | System Max Capacity | 537 kWh (with LV HUB accessory) |
| | Voltage Range | 46.5 ~ 56.8 Vdc |
| | Usable Capacity | 100( Gross Capacity 103Ah) |
| COMMUNICATION | Communication Interface | RS485, CAN, RS232, Wi-Fi & Bluetooth (with External Device) |
| BASIC PARAMETERS | Dimensions (W x D x H) (mm) | 492 × 580 × 155 |
| | Weight | 46 kg |
| | Max. Charge / Discharge Current | Up to 1C max. |
| | Standard Charge / Discharge Current | 0.5C |
| | Discharge Temperature | -20 ~ +60 °C * |
| | Charge Temperature | -5 ~ +55 °C * |
| | Standard Temperature Range | 25 °C ± 10°C |
| | Humidity | 5 % ~ 95 % no condensation |
| | Altitude | < 3000 m |
| | Expected Cycle Life @ STC | > 6000 (25°C) |
| | Standards | CB / IEC62368-1 / IEC62619 / CE /EMC / UN38.3 |
| | Features | Discharge CAN Logic, 3-Steps Adaptive Charging Logic<br>2 x programmable DI / DO<br>Optional Device for monitoring & remote control with WeCo App for Android / iOS Pre - Charge + MOSFET Protection<br>Three Protection Levels, Real-Time Balancing, Adaptive Charge/ |










*The above-mentioned temperatures are limited to the BMS ranges, such values may not be covered by the performance warranty.
We recommend contacting WeCo for the most up-to-date datasheet, read warranty and manual before making any purchasing decisions.
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# SK0-LT
## Wall Mounted

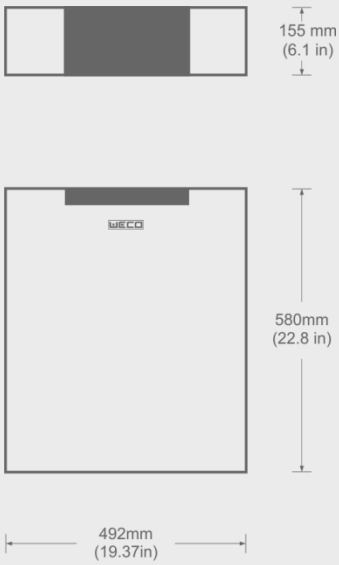
## Specifications

| | | | | | | |
|---|---|---|---|---|---|---|
| BATTERY | Battery Module | 2 | 3 | 4 | 5 | 5+5+5 |
| | Depth of Discharge (Max) | 98% | | | | |
| SYSTEM | Battery System Capacity (kWh) | 10.2 | 15.3 | 20.4 | 25.5 | 76.5 |
| | Voltage Range (Vdc) | 46.5 ~ 56.8 | | | | |
| COMMUNICATION | Communication | Rs485, CAN, RS232, Wi-Fi (with External Device) | | | | |
| BASIC PARAMETERS | Storage Temperature | Up to 6 six months without recharging ( see manual ) | | | | |
| | Dimensions (D × W × H) (mm) | 580 × 492 × 310 | 580 × 492 × 465 | 580 × 492 × 620 | 580 × 492 × 775 | 3 × (580 × 492 × 775) |
| | Weight (Kg) | 92 kg | 138 kg | 184 kg | 230 kg | 690 kg |
| | IP Rating | IP20 | | | | |
| | Standard Working Temperature Range | 25 °C ± 10°C | | | | |
| | Humidity | 5 % ~ 95 % non-condensing | | | | |
| | Altitude | < 3000 m | | | | |
| | Expected Cycle Life @ STC | > 6000 (25 °C) 80% DoD | | | | |
| | Standards | CB/ IEC62619 / IEC62368-1 / CE / EMC/ UN38.3 | | | | |
| | Monitoring | External Wi-Fi monitoring Dongle suitable for single battery or cluster | | | | |

**Upper view**
Suggested installation with connection terminal facing up



5.12 kWh 10.24 kWh 15.36 kWh 20.48 kWh 25.6 kWh 76.8 kWh




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