

# 5 kWh

## BATTERY INTELLIGENT BMS



## Features

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### Safe and Durable

Tier One, A+ LiFePO4 cell composition ensures more than 6000 cycles with 80% DoD

### Intelligent:

Each Battery with independent, rigorous German Standard BMS system manages power output smartly and effectively.

### Scalability

Modular design gives the end customers flexible choice of power. Extendable up to 16pcs in parallel, with maximum 81.92kWh.

### Easy to install and use

Just plug and play to minimize the installation time and cost. Continuous remote OTA, one-click software upgrade.

### Compatibility

Compatible with most of the available Hybrid inverters in the market.

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For more information, please contact us

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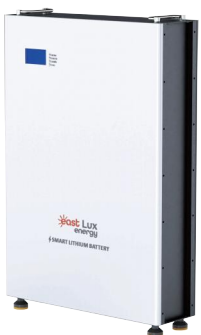
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## Technical Parameters

|                            |   |
|----------------------------|---|
| Model                      | EL5KCS  |
| Battery Type               | LiFePO4   |
| Energy                     | 5120 Wh   |
| Capacity                   | 100AH   |
| Rated Voltage              | 51.2V   |
| Working Voltage Range      | 40~58.4V  |
| Max Charge Current         | 100A  |
| Max Discharge Current      | 100A  |
| Standard Charge Current    | 50A   |
| Standard Discharge Current | 50A   |
| DOD                        | 80%   |
| Max Parallel Quantity      | 16  |
| Designed Life-span (1)     | ≥6000 cycles (25°C, 0.5C, ≥80%of initial capacity)      |
| Operating Temperature (2)  | Charge : -20 ~ 55°C Discharge : -20 ~ 55°C              |
| Operation Humidity         | 5 ~ 95%   |
| Nominal Operation Altitude | < 3000m   |
| IP Rating                  | IP54  |
| Installation Method        | Self-contained  |
| Communication              | RS485/CAN/RS232 /Wifi /Bluetooth                        |
| Certification              | MSDS/ UN38.3/CE/RoHS                                    |
| Net Weight                 | ≈ 46kg  |
| Dimension(L*W*H)           | L541 *W174 *H390 mm                                     |
| Warranty (years)           | Standard 5 year product warranty,Upgradable to 10 years |

## East Lux Energy's Energy Storage Batteries Family



10kWh, 51.2V, 200Ah



15kWh, 51.2V, 300Ah



5kWh, 51.2V, 100Ah