

10kWh

BATTERY

INTELLIGENT BMS



Features

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 163.84kWh.

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.

For more information, please contact us

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Technical Parameters

Model	EL10KES
Battery Type	LiFePO4
Energy	10240Wh
Capacity	200AH
Rated Voltage	51.2V
Working Voltage Range	40~58.4V
Max Charge Current	200A
Max Discharge Current	200A
Standard Charge Current	100A
Standard Discharge Current	100A
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	≈85 kg
Dimension(L*W*H)	L520 *W175 *H795 mm
Warranty (years)	Standard 5 year product warranty,Upgradable to 10 years

East Lux Energy's Energy Storage Batteries Family



5kWh, 51.2V, 100Ah



15kWh, 51.2V, 300Ah



5kWh, 51.2V, 100Ah