



OVER  
**24.5<sup>MWh</sup>**  
Lifetime  
Production

TRUST EKOTEK'S  
HIGH CAPACITY BATTERY WITH A  
>15-YEAR DESIGN LIFE AND 8000+  
AT 80% DOD



## ROCK *Lite 24V* Rack Mounted Lithium Battery 5kWh+

ET - 311-256/200

- Packed with high performance LFP single cell, long life, safety and wide temperature range
- High energy density, small size, light weight, no pollution
- Packing with single cell container, fire retardant wire and laser welding, stable and safe
- Built-in BMS, with battery voltage, current, temperature and health management
- LED indicate the battery SOC and operating status
- LCD Screen display the battery voltage, current, temp., SOC detail information
- Support communication with solar inverter by CAN or RS485
- Set different communication protocols through LCD touch screen
- Update software by RS485 port
- Support both standing application and wall-mounted application
- More than 15 years design life
- Stable performance, maintenance-free

**5kWh+**

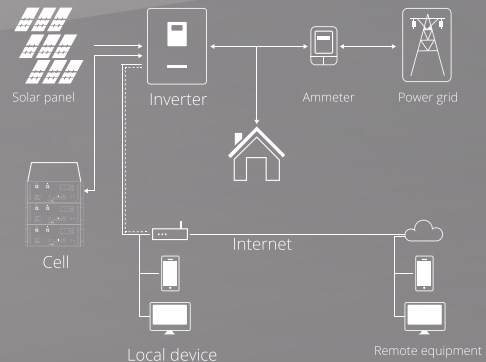
**6 Year Warranty**

**LiFePO<sub>4</sub>**

**WIRELESS  
CONNECTIVITY**

**24V SYSTEM  
VOLTAGE**

**WIRELESS  
CONNECTIVITY  
THROUGH APP**





## ROCK LITE 24V

### BATTERY SPECS

Battery Chemistry		LiFePO <sub>4</sub>
Voltage	Nominal @ 25 °C ~ 0.2 °C	25.6 V
Capacity	Nominal @ 25 °C ~ 0.2 °C	200 Ah
Energy (Wh)		5120 Wh
Module Weight ±0.5 kg		45 kg
Dimensions (W x D x H) mm, ±2 mm		442* 450* 155*
Cell Serial Number (pcs)		16

### OPERATING PARAMETERS

Voltage Range		22.4V ~ 8.4 V
Charging Voltage		28.0/-0.8 V
Charging Current		200A Maximum
Discharging Voltage		22.4 V
Discharging Current		200A
Peak Discharge (25°C)		300A, 5S
BMS (Built-in BMS)		YES
Display		LCD display, set protocol on LCD, 4LEDs for SOC 1 LED for Run statue 1 LED for ALM

### BATTERY MANAGEMENT SYSTEM

Communication Port (can be customized)		CAN, RS485
Scalability (Max. In 1 battery group)		16 Units in Parallel

### GENERAL

IP Rating of Enclosure		IP21
Service Life @ 25 °C	Design Life	> 15 Years
Service Life @ 25 °C	Cycle Life	> 6000 times
Recomended Depth of Discharge		80.00%
Certifications		UL1973, IEC62619, CE UN38.3