

# ROCK I

## Rack Mounted Lithium Battery 5 kWh+

ET - 307-512/100

- 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
- Update software by RS485 port
- Flexible customization of dimensions
- More than 15 years design life
- Stable performance, maintenance-free

**5kWh+**

**6 Year Warranty**

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

**WIRELESS CONNECTIVITY**

**48V SYSTEM VOLTAGE**

**WIRELESS CONNECTIVITY THROUGH APP**

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

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



# ROCK II

## Rack Mounted Lithium Battery 5kWh+

ET - 308-512/100

- 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
- Update software by RS485 port
- Flexible customization of dimensions
- More than 15 years design life
- Stable performance, maintenance-free

**5kWh+**

**6 Year Warranty**

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

**WIRELESS CONNECTIVITY**

**48V SYSTEM VOLTAGE**

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# ROCK III

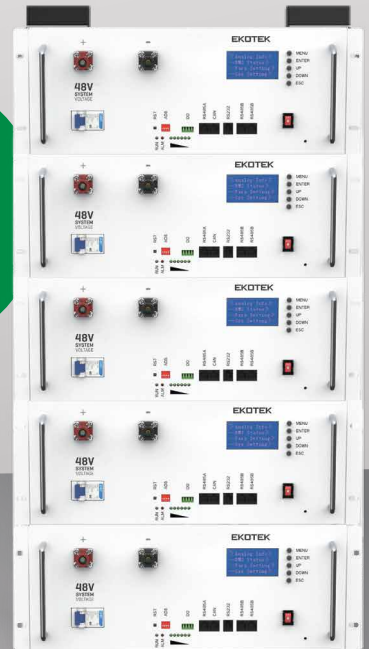
## Rack Mounted Lithium Battery 5kWh+

ET - 309-512/100

- 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
- Set different communication protocols through LCD touch screen
- Support communication with solar inverter by CAN or RS485
- Flexible customization of dimensions
- More than 15 years design life
- Stable performance, maintenance-free

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

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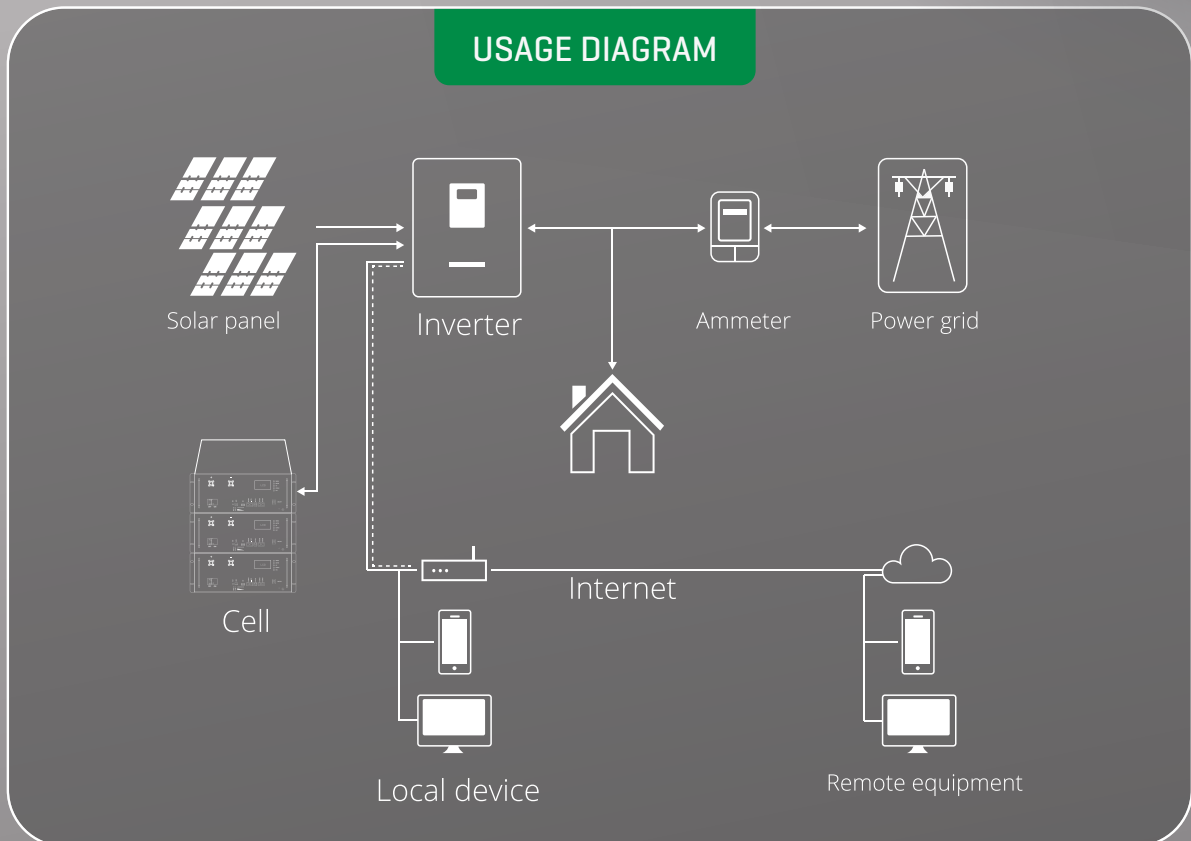


**5kWh+**  
**6 Year Warranty**  
**LiFePO<sub>4</sub>**

**WIRELESS CONNECTIVITY**

**48V SYSTEM VOLTAGE**

**WIRELESS CONNECTIVITY THROUGH APP**





MODEL		ROCK I & ROCK II	ROCK III
<b>BATTERY SPECS</b>			
Battery Chemistry		LiFePO <sub>4</sub>	LiFePO <sub>4</sub>
Voltage	Nominal @ 25 °C ~ 0.2 °C	51.2 V	51.2 V
Capacity	Nominal @ 25 °C ~ 0.2 °C	100 A	100 A
Energy (Wh)		5120 Wh	5120 Wh
Module Weight ±0.5 kg		44 kg	45.2 kg
Dimensions (W x D x H) mm, ±2 mm		442 x 470 x 154	442 x 482 x 155
Cell Serial Number (pcs)		16	16
<b>OPERATING PARAMETERS</b>			
Voltage Range		44.8 V ~ 56.8 V	44.8V ~ 56.8 V
Charging Voltage		56 ± 0.8 V	56 ± 0.2 V
Charging Current		100 A Maximum	100 A Maximum
Discharging Voltage		44.8 V	44.8 V
Discharging Current		100 A	100 A
Peak Discharge (25°C)		300 A, 3 S	300 A, 3 S
Recommended Depth of Discharge		90.0%	90.0%
Display		Touch Screen LCD Display 4 LEDs for SOC 1 LED for Statue 1 LED for ALM	Touch Screen LCD Display 4 LEDs for SOC 1 LED for Statue 1 LED for ALM
<b>BATTERY MANAGEMENT SYSTEM</b>			
Communication Port (can be customized)		CAN, RS458	CAN, RS458
Scalability (Max. In 1 battery group)		64 Units in parallel	16 Units in parallel
<b>GENERAL</b>			
IP Rating of Enclosure		IP21	IP21
Design Life	Service Life @ 25 °C	> 15 Years	> 15 Years
Cycle Life	Service Life @ 25 °C	> 6000 Times	> 6000 Times
Certifications		UL1973 IEC 62619 CE UN38.3, MSDS	UL1973, MSDS