



**5000** Cycle Life

LITHIUM ION BATTERY



**EVE Grade A Brand New Cells**

Technical Sheet

## About KENZA

KENZA is a leading provider of innovative energy solutions, specializing in solar technology and energy storage. With a strong focus on sustainability and reliability, KENZA empowers individuals, businesses, and industries to adopt clean energy alternatives, reducing dependence on traditional power sources.

The company offers a comprehensive range of high-performance products, including **lithium batteries, solar panels, hybrid inverters, solar water heaters, and energy management systems**. Every product is engineered to maximize efficiency, durability, and cost-effectiveness, catering to diverse needs from residential installations to large-scale commercial and industrial projects.

At the heart of KENZA's mission is a commitment to harnessing the power of the sun to create a greener future. Their solutions are designed not only to be environmentally friendly but also economically sustainable, helping customers reduce energy costs while contributing to a cleaner planet. Driven by technological innovation and precision engineering, KENZA strives to be a global leader in renewable energy, delivering smart, fast, and reliable power solutions that stand the test of time.





## RESIDENTIAL & COMMERCIAL 12.8V LiFePO<sub>4</sub> (Lithium Phosphate) ENERGY STORAGE BATTERY

### Product Features

- Enhanced Energy Density and Longer Lifespan
- Improved Efficiency and Faster Charging
- Reduced Weight and Space Requirements
- Lower Environmental Impact and Safer Operation

### مميزات المنتج

- كثافة طاقة محسنة وعمر افتراضي أطول
- كفاءة محسنة وشحن أسرع
- تقليل متطلبات الوزن والمساحة
- تأثير بيئي أقل وتشغيل أكثر أماناً

### Context of Use

- Household appliance
- Outdoor backup power supply

### سياق الاستخدام

- الأجهزة المنزلية
- مصدر طاقة احتياطي خارجي



UN38.3



Model	KE12-100
Cell	4
Nominal Voltage(V)	12.8V
Nominal capacity(Ah)	100Ah
Energy (KWh)	1.28kwh
Cycle Life	≥6000 cycles @80%DOD /0.5C/25C
Operating temperature	Charge: 0-55°C Discharge: -10~55°C
Protection	Electronic circuitbreaker, BMS voltage protection, current limiting
Water dust resistance	IP65
Net Weight(kg)	11kg
Dimension(mm)	339*185*218mm
Warranty	5 years
Certifications	CE, UN38.3, MSDS

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### مميزات المنتج

- كثافة طاقة محسنة وعمر افتراضي أطول
- كفاءة محسنة وشحن أسرع
- تقليل متطلبات الوزن والمساحة
- تأثير بيئي أقل وتشغيل أكثر أماناً

### سياق الاستخدام

- الأجهزة المنزلية
- مصدر طاقة احتياطي خارجي



UN38.3



Model	KE12-200
Cell	4
Nominal Voltage(V)	12.8V
Nominal capacity(Ah)	200Ah
Energy (KWh)	2.56kwh
Cycle Life	≥6000 cycles @80%DOD /0.5C/25C
Operating temperature	Charge: 0-55°C Discharge: -10~55°C
Protection	Electronic circuitbreaker, BMS voltage protection, current limiting
Water dust resistance	IP65
Net Weight(kg)	19.5kg
Dimension(mm)	502*185*242mm
Warranty	5 years
Certifications	CE, UN38.3, MSDS

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## RESIDENTIAL & COMMERCIAL 12.8V LiFePO<sub>4</sub> (Lithium Phosphate) ENERGY STORAGE BATTERY

### Product Features

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- Improved Efficiency and Faster Charging
- Reduced Weight and Space Requirements
- Lower Environmental Impact and Safer Operation

### Context of Use

- Household appliance
- Outdoor backup power supply

### مميزات المنتج

- كثافة طاقة محسنة وعمر افتراضي أطول
- كفاءة محسنة وشحن أسرع
- تقليل متطلبات الوزن والمساحة
- تأثير بيئي أقل وتشغيل أكثر أماناً

### سياق الاستخدام

- الأجهزة المنزلية
- مصدر طاقة احتياطي خارجي



UN38.3



Model	KE12-280
Cell	4
Nominal Voltage(V)	12.8V
Nominal capacity(Ah)	100Ah
Energy (KWh)	3.58kwh
Cycle Life	≥6000 cycles @80%DOD /0.5C/25C
Operating temperature	Charge: 0-55°C Discharge: -10~55°C
Protection	Electronic circuitbreaker, BMS voltage protection, current limiting
Water dust resistance	IP65
Net Weight(kg)	28.1kg
Dimension(mm)	522*185*242mm
Warranty	5 years
Certifications	CE, UN38.3, MSDS

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