



## KRAFT PREMIUM 12KWH LITHIUM BATTERY



### ▶ **LEADING TECHNOLOGY**

Multi level high efficiency heat dissipation system built in fire protection system  
Smart BMS and EMS  
Lithium Blade Cell and CTP Technology

### ▶ **HIGH PERFORMANCE**

100A rapid charge and discharge ability  
Higher DOD (95%) which provides more usable energy  
50% lighter and 50% smaller compared to similar models in the market

### ▶ **COMPREHENSIVE SMART IOT PLATFORM**

IOT & AI Technology based smart platform for online and on-site configuration, monitoring, operation and upgrading services.  
Touch screen for an improved display of information  
Powerful functions beneath a compact appearance

# DATA SHEET

Nominal Energy

12kWh

Capacity

12kWh

Nominal Voltage

51.2V

Operating Voltage

43.2V to 57.6V

Cell Type

Blade LFP

Dimensions (WxDxH)

430mm x 150mm x 800mm

Battery Weight

72kg

Charge Temperature

From 0 to 50 Degrees Celsius

Discharge Temperature

From -20 to 60 Degrees Celsius

Depth of Discharge

95% DOD

Nominal Charging Current

100A

Nominal Discharging Current

100A

Safety

IEC 62619

IP Rating Enclosure

IP65

Cooling Type

Natural

Humidity

<95%

Warranty

15 Years

Communication Port

CAN/RS485/WIFI/Bluetooth

Transportation Certification

UN38.3/MSDS/DGM