

**KASANAKI**®  
OFF-GRID POWER FOR ON-ROAD LEGENDS

**K3R**

**3072Wh**  
Capacity

**3600w**  
Output Power

**7000w**  
Peak Surge Power

**BUILT FOR PROFESSIONALS. READY FOR ANY ENVIRONMENT.**



# K3R



● Capacity

3072Wh (51.2V; 60Ah)

AC Output

3600W nominaal / 7000W piek

USB-A output

5V / 3A; 9V/1,8A; 12V/1.5A (18W Max)

USB-C output

5V/3A; 7V/2,4A; 9V/1,8A; 12V/1,5A

AC Voltage

230V

AC Charge Input

190-250V AC / 16A / 2500W max

PV (Anderson) Input

12-150V DC / MPPT 18-140V / 15A / 2100W max

Waveform

Sine Wave

Size

852.5 × 512 × 502 mm

Weight

55.1 kg

# Standard Accessories



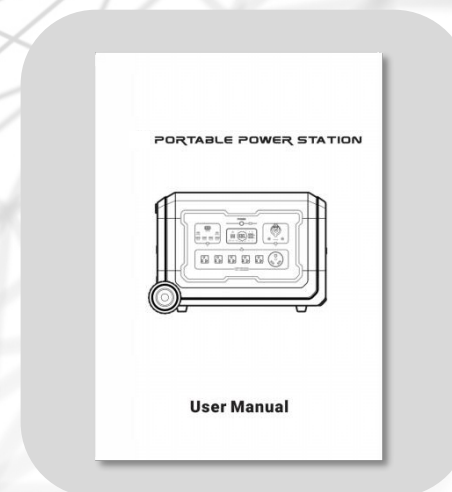
**K3R Outdoor Power Station**



**AC charging cable**

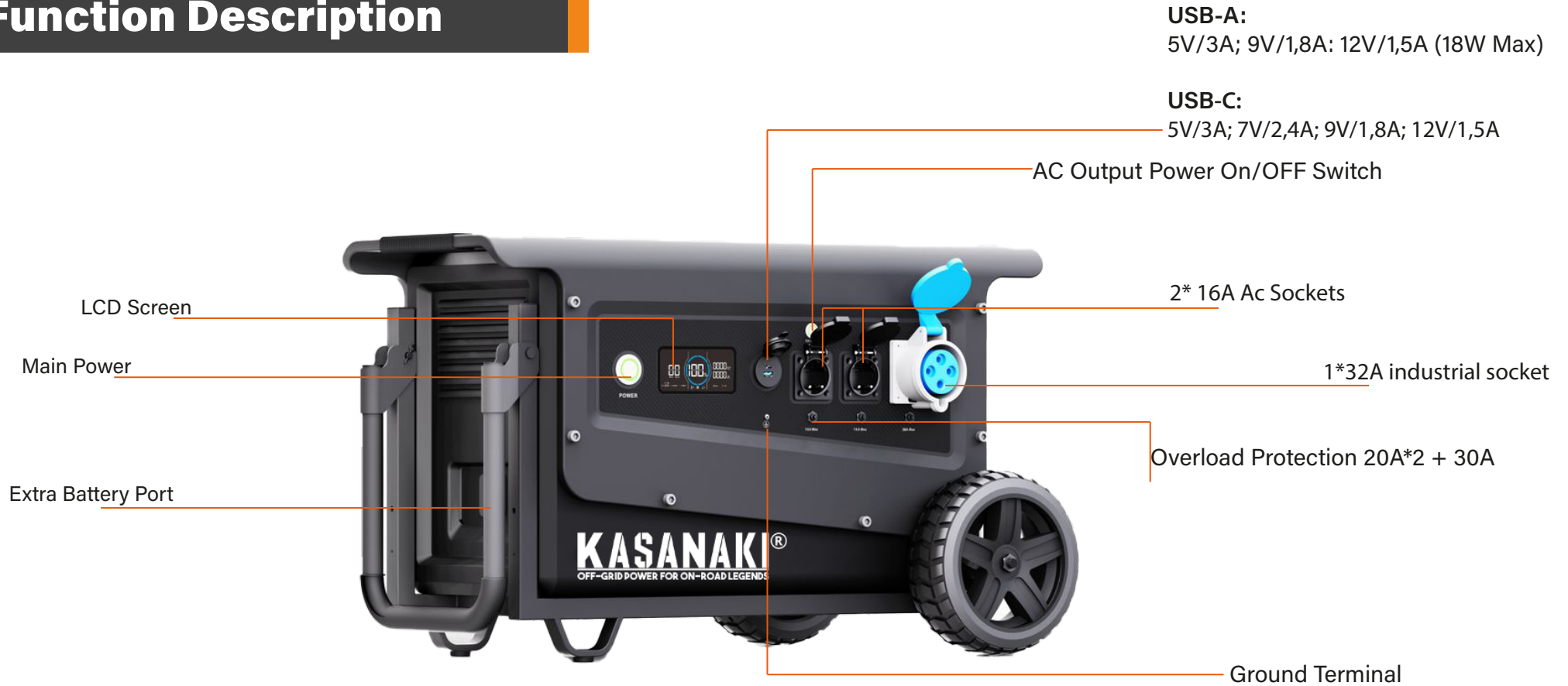


**Anderson to  
MC4 cable**



**User Manual  
Warranty Card**

# Function Description



## PROJECT

## FUNCTION

## REMARK

Main power switch

Main switch for each function

Press and hold for 3 seconds to turn on or off the main power. When turned on, a circle of LED lights around the button will light up. It will automatically turn off after 2 hours without use or operation.

AC switch

AC output control switch

When the main power switch is on, press the button to turn on the AC output delay for 10 seconds and the LED lights around the button will light up; press it again to turn off the AC output and the LED lights around the button will go out. If no device is connected, overload, short circuit, over-temperature protection, etc. are detected after 2 hours, the output will be automatically turned off.

# Function Description



## Frequency Switching:

1. With the power on, turn off the AC output and simultaneously press the Power button and AC button to enter the frequency switching menu.
2. Press the AC button to switch the frequency. The desired frequency will flash continuously.
3. Press and hold the Power button to set the frequency. SUC will display if the setting is successful. Then, press and hold the Power button to exit the settings menu.

## Function Description

Fast charge & Slow charge switch

Slow Charging : 1250W

Fast Charging: 2500W

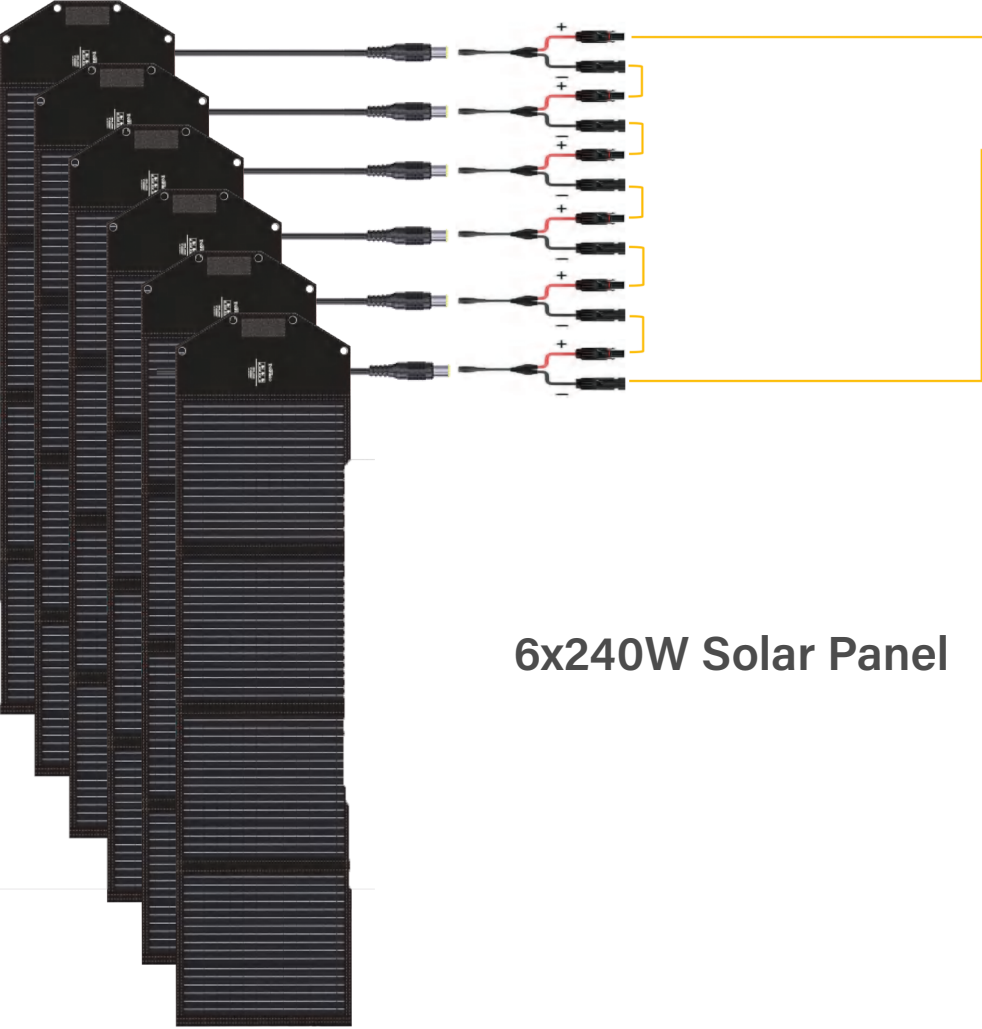
AC Charge Input

PV Anderson Input

Overload Protection  
(AC IN/OUT protection)



# PV Input



6x240W Solar Panel



6\*240W PV charging time  
0-80% 150 mins  
0-100% 190 mins

4\*240W PV charging time  
0-80% 230 mins  
0-100% 280 mins

2\*240W PV charging time  
0-80% 450 mins  
0-100% 560 mins

## AC Input

Slow Charge: 1250W  
Fast Charge: 2500W



EPS mode switching time is  $\leq 20\text{ms}$ , ensuring uninterrupted operation under normal loads.

EPS mode power is 3600W for European specifications.

When the output load is increased, the charging power is reduced; when the load is decreased, the charging power is increased.



Charging Time

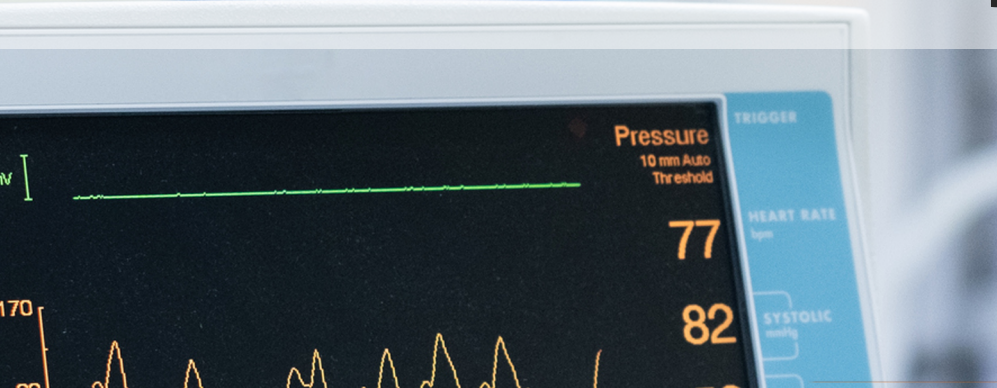
EU standard:

0-80%: 75 minutes

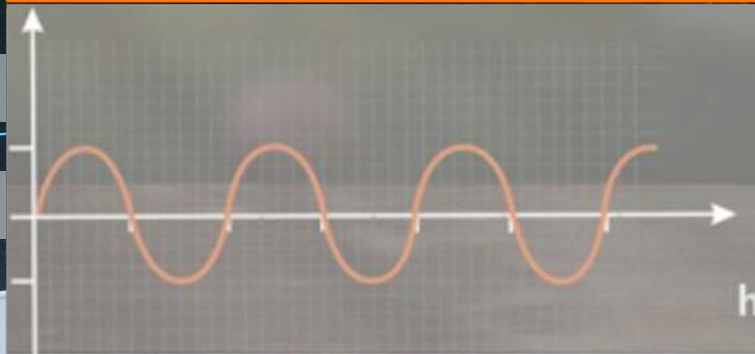
0-100%: 105 minutes

# AC Output

## Pure Sine Wave Current More Friendly to Electric Appliance



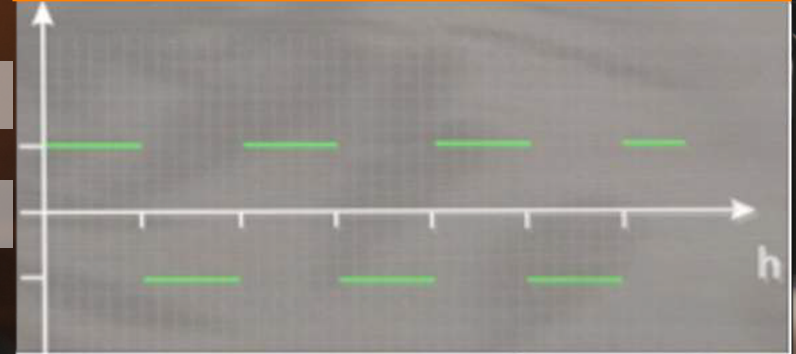
Pure Sine Wave -- No Damage  
to electrical appliances



110V/220V

-110V/-220V

Correction Wave -- No Damage  
to electrical appliances



110V/220V

-110V/-220V

# Dynamic tracking of the maximum power of solar panel Transfer efficiency is 15% higher than without MPPT



## Extra Battery

**3072Wh**  
**K3R**

**+**

**2048Wh**  
**K2-BAT**

**Supports a maximum of 15 battery packs in parallel.**

**It is recommended to connect no more than 6 battery packs.**

**If there are more than 6 battery packs, some battery packs may not be discharged to 0%.**

**The more battery packs are connected or the longer the parallel cable is, the greater the voltage drop on the cable.**

**This will cause a large difference in the low voltage protection point between the host and the battery pack causing the host to protect first.**

