

KASANAKI®
OFF-GRID POWER FOR ON-ROAD LEGENDS

K5

5000w | 5040wh
Portable Power Station

**WE GO BEYOND SUPPLYING POWER
WE PROVIDE STRENGTH FOR POSITIVE CHANGE**



K5

5040Wh



5040Wh K5-BATT



• Capacity

5040Wh (48V; 105Ah)

5040Wh (48V; 105Ah)

AC Output

220~240V/5000W (Rated); 7000W(Peak)(*5)

/

DC 12V Output
(&cigarette lighter &DC5521)

12V/10A

/

Anderson Output

12V/30A

/

4*USB-A output

5V/3A ; 9V/2A ; 12V/1.5A (18W Max); 5V/2A

/

2*USB-C output

5V/3A ; 9V/3A ; 12V/3A ; 15V/3A ; 20V/3A; (PD60W Max)

/

AC Charge Input

220~240Vac 16A Max 2500W Max

/

PV (Anderson) Input

12~150Vdc MPPT 18-140V 15A Max 2100W Max

/

EV Charging

220~240Vac 16A Max 2500w Max

/

Waveform

Pure Sine Wave

/

Size

641.5*304.5*437.5mm

641.5*304.5*437.5mm

Net Weight

50 kg

43,8 kg

Standard Accessories



5000W Portable Powerstation



AC charging cable



Anderson to
7909 cable



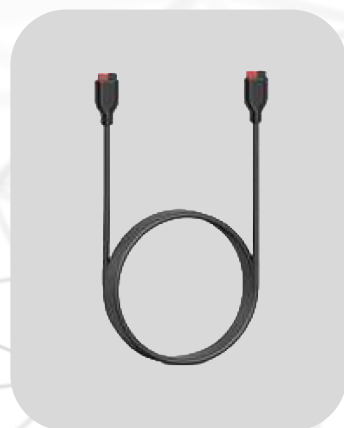
Anderson to car
charging cable



User Manual



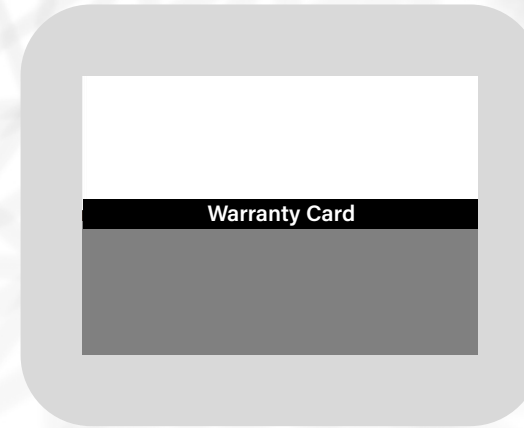
Anderson to
MC4 cable



Anderson to
anderson cable



MC4 to 7909 Wire
(not standard packaging)



Warranty Card

Function Description

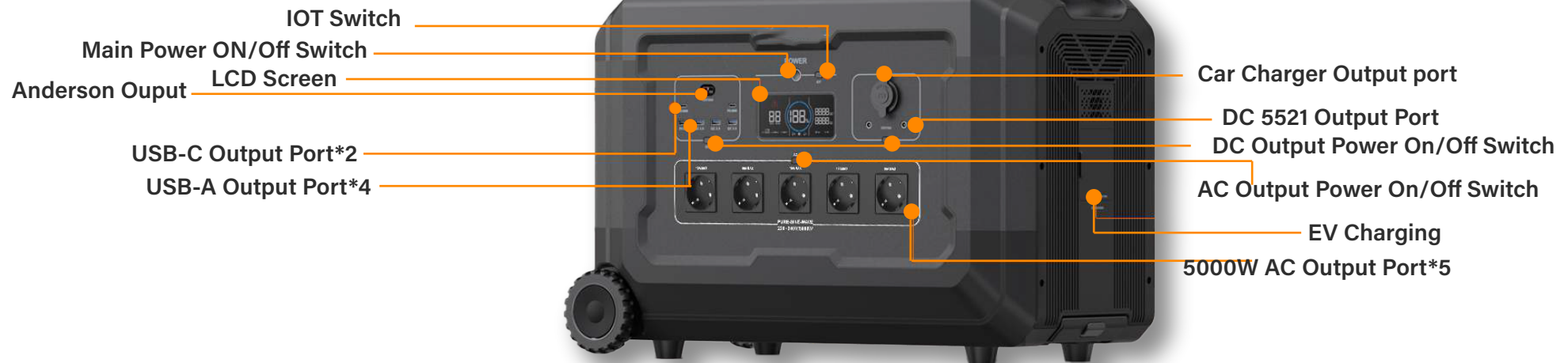


Ac Charge Input

PV (Anderson) Input

Double protection with breaker,
separate control of AC/EV charging.

Extra Battery Port



IOT Switch

Main Power ON/Off Switch

Anderson Output LCD Screen

USB-C Output Port*2

USB-A Output Port*4

Car Charger Output port

DC 5521 Output Port

DC Output Power On/Off Switch

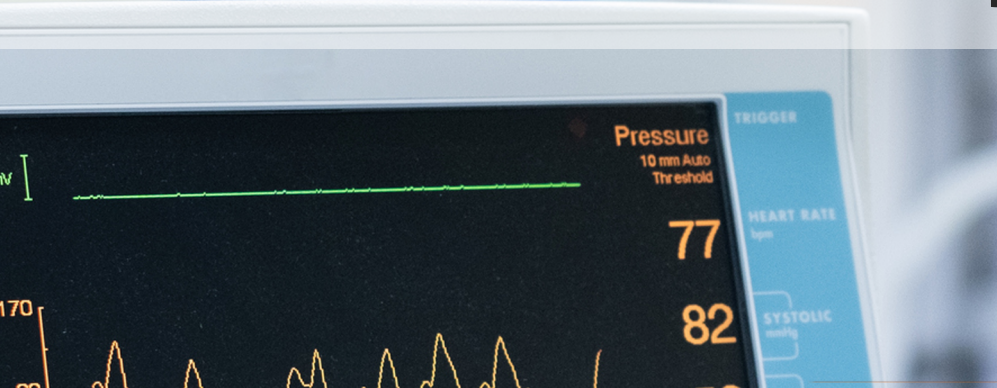
AC Output Power On/Off Switch

EV Charging

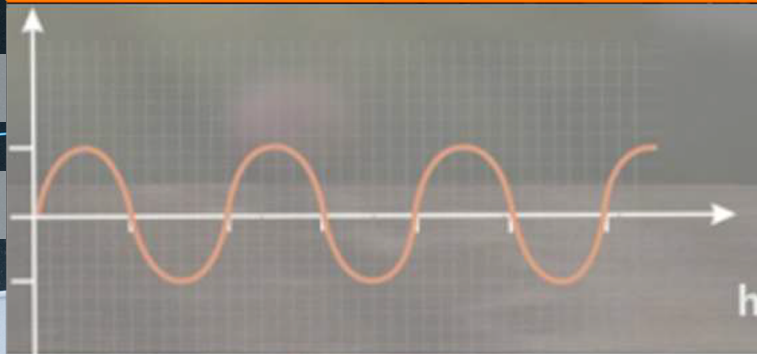
5000W AC Output Port*5

AC Output

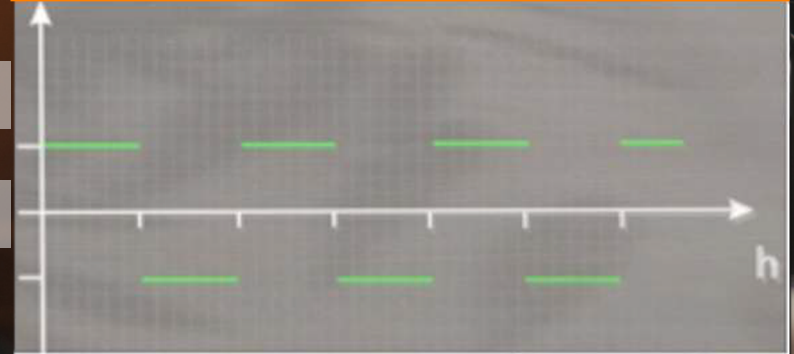
Pure Sine Wave Current More Friendly to Electric Appliance



Pure Sine Wave -- No Damage to electrical appliances



Correction Wave -- No Damage to electrical appliances



110V/220V

-110V/-220V

DC Output

USB-A*4; 5V/3A; 9V/2A
12V/1.5A(18W Max); 5V/2A

USB-C*2; 5V/3A; 12V/3A
15V/3A; 20V/3A (PD60W Max)

DC 12V Output: 12V/10A
(&Cigarette lighter)



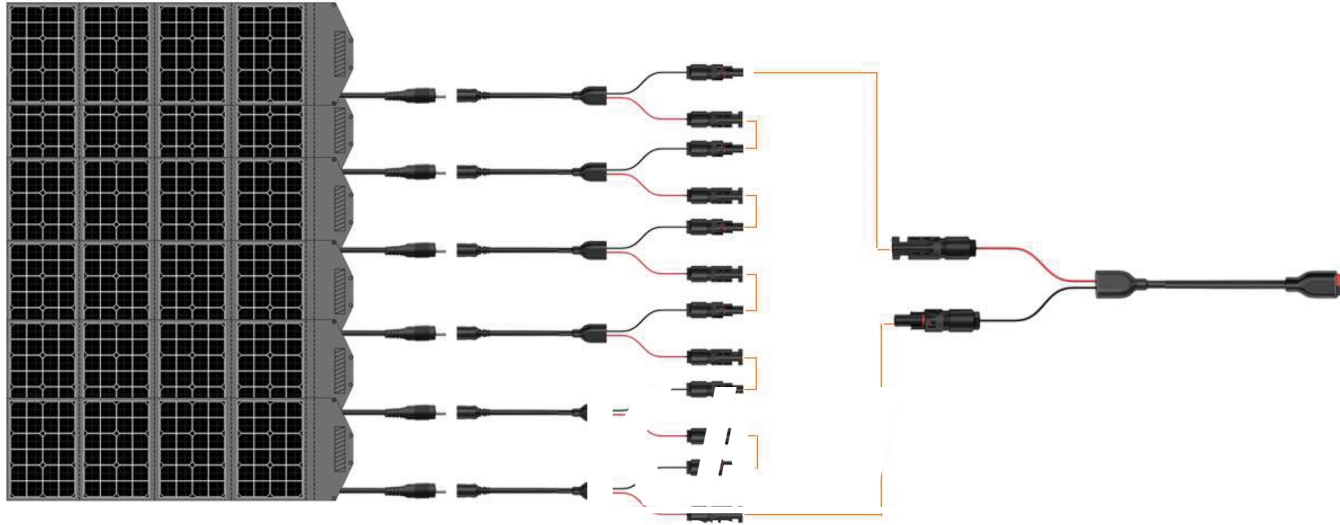
PV Input



220W Solar Panel

5000W

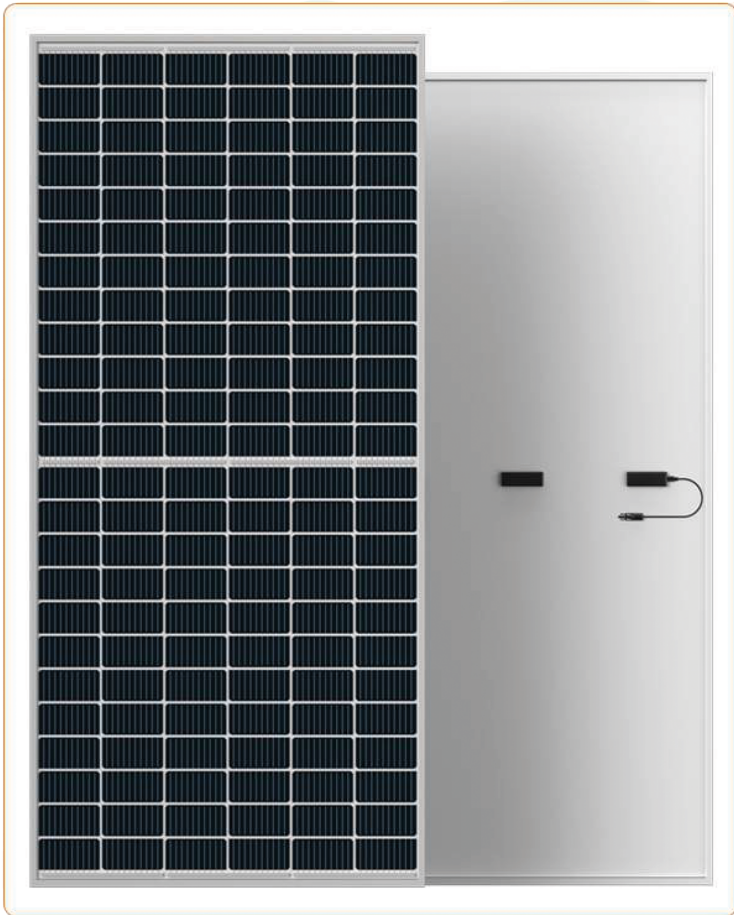
PV Input



Max 6*220W Solar Panels in parallel

5000W

PV Input

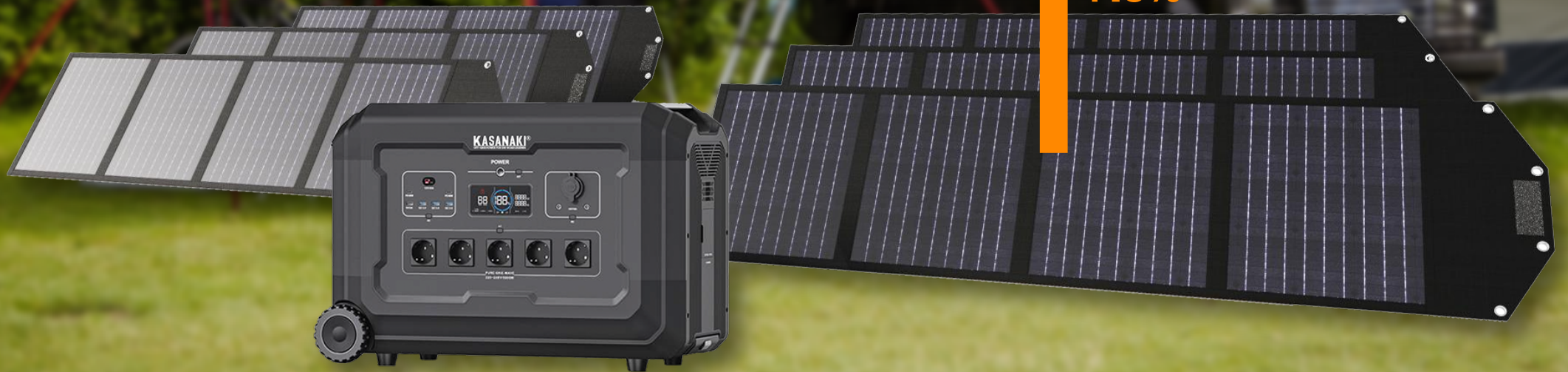


Panel Power	Charging Power Max.	Panel Power	Panel Quantity	Pack
550W	410W	49,7V	1	1 series
1100W	820W	99,4V	2	2 series
1650W	1230W	149,1V	3	3 series
3300W	2250W	149,1V	6	3 series 2 parallel

Charging power based on theoretical data 800/m²

MPPT

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



+15%

Smart Power Management IC



Over discharge
Protection



Overload
Protection



Overcharge
Protection



Short Circuit
Protection



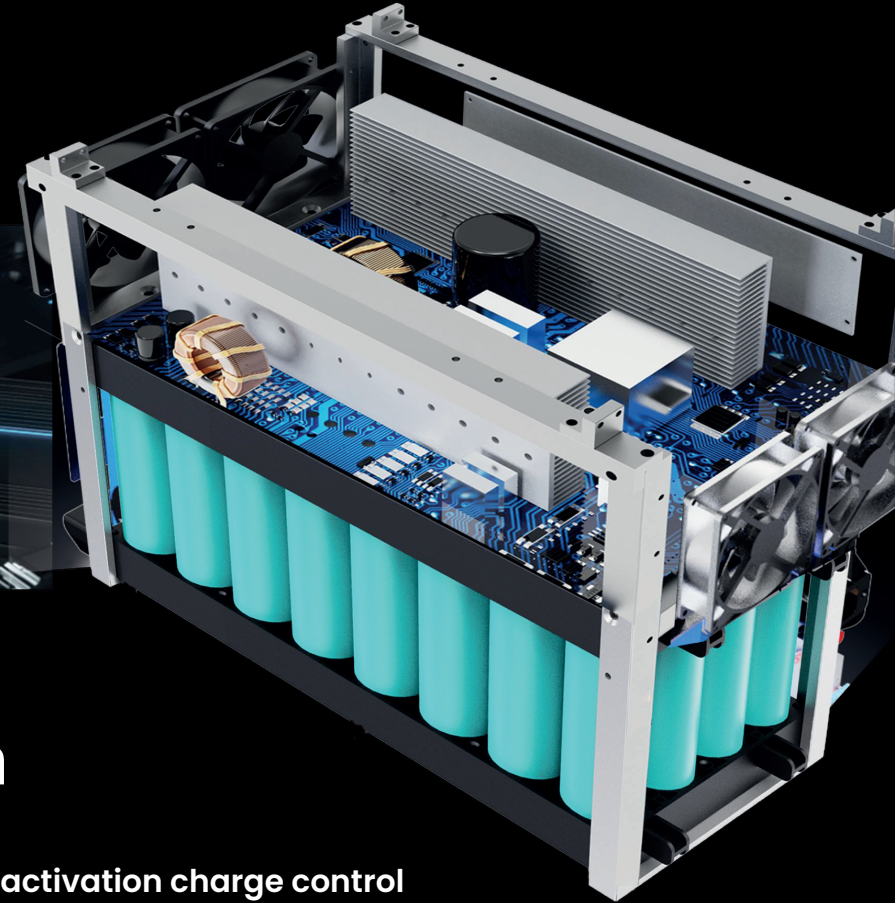
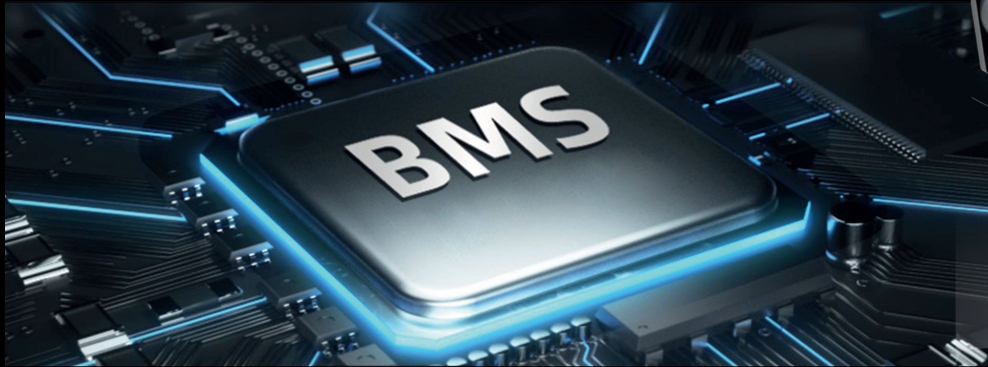
Overvoltage
Protection



Over temperature
Protection



Low Temperature
Protection

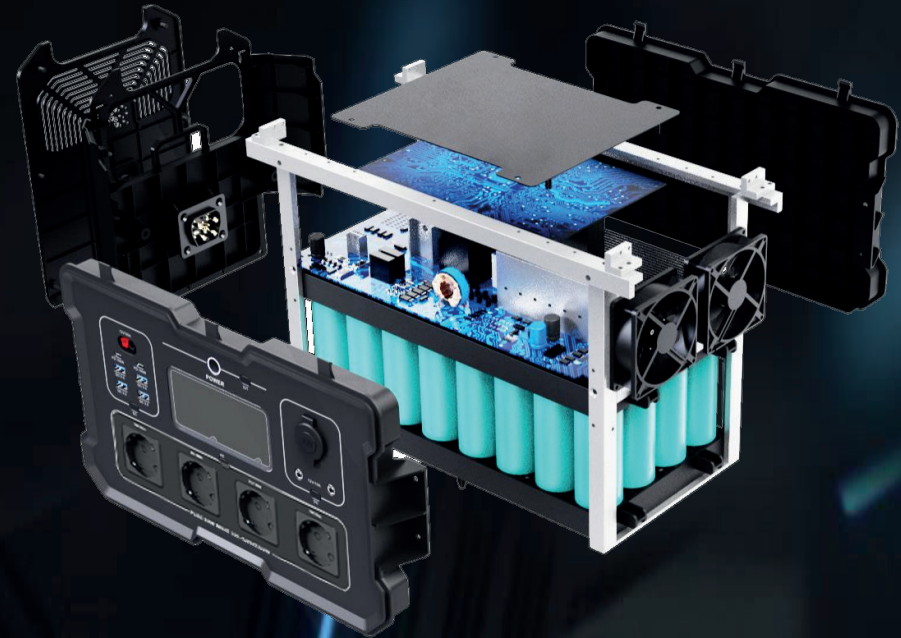


7 Multiple Protection

Battery Wake-up Pre-Charge System - 1.5A Trickle activation charge control

LiFe PO₄ Battery

- Extremely Safe
- High efficiency
- Long Cycle Life
- Eco-Friendly
- Reliable
- Renewable



Powered By **3600+ LiFePO₄**
Famous Brand New Battery Cell

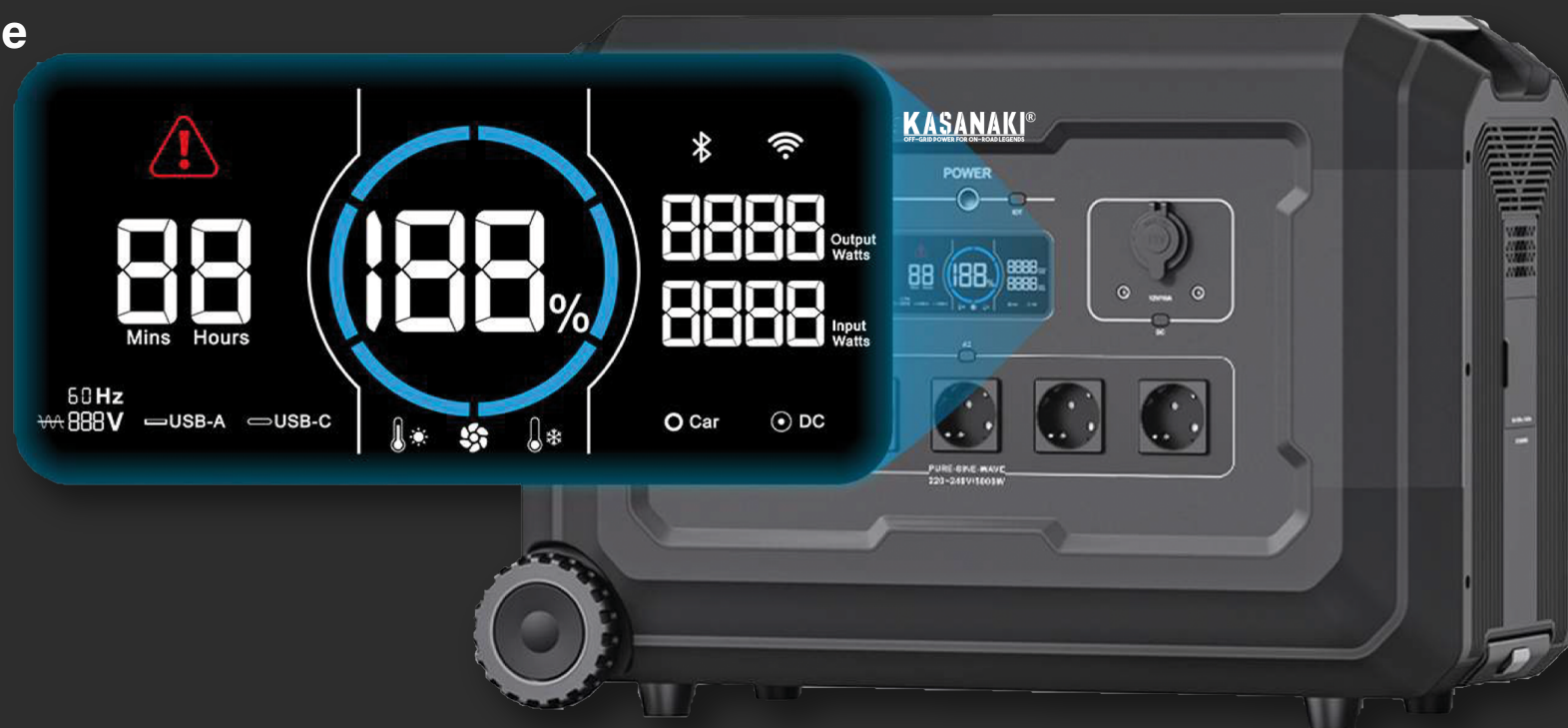
Fire Rating **UL94-VO**
ABS+PC Battery Pack Shell

Intelligent
Three-Speed Cooling Fan Control

Smart HD LCD Display-K5

Real-time data at a glance

- Charging power
- Over temperature warning
- Safety Warning
- Charging Time
- Function Status
- Power Display
- IOT



APP REMOTE CONTROL

Control & Monitor by Mobile APP

- ✓ Simple Operation Interface
- ✓ Easy download from App Store and Google Play

SUPPORT 

WiFi en
Bluetooth 



Uninterruptible Power Supply Breaker Double Protection

Seamless UPS Backup



UPS Mode Under AC/EV Charging

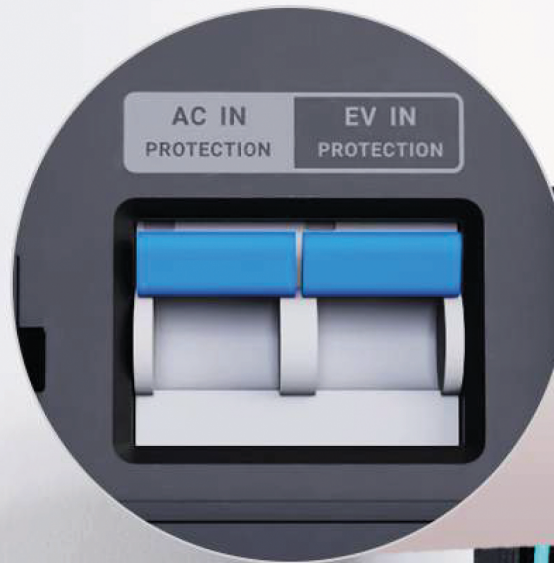
Double safety protection with breaker

UPS Switch Time $\leq 20\text{ms}$

Must Power On under UPS mode

UPS Power Up to 5000W

Overload protection if load power >5000 within 1 mins



How To Recharge



SUPER FAST CHARGING

**Charging Time Can Shorten To 1h
With Multiple Charging Way (Wall+solar)**



Wall Outlet

2500W Max \approx 2H

EV Charging

2500W Max \approx 2H

Solar Panel

2250W, 150V Max \approx 2.5H

Car Cigerating


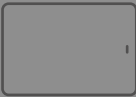




\approx 64H

Portable Pull Rod

**Portabel Pull Rods en wheels design
Movable in an energy saving way**



What can it power - K5

 <p>Microwave (1300W) 3hrs</p>	 <p>Tablet PC (30Wh) 160 times</p>	 <p>Ventilator (40W) 98hrs</p>	 <p>Lamp (10W) 498 hrs</p>
 <p>Mini Cooler (120W) 33.3hrs</p>	 <p>Electric Frying Pan (1200W) 3.3hrs</p>	 <p>Washer (500 W) 8hrs</p>	 <p>Hair Dryer (1600 W) 2.5 hrs</p>
 <p>TV (110W) 36hrs</p>	 <p>WiFi (10W) 398hrs</p>	 <p>Coffee maker (1000 W) 4hrs</p>	 <p>Drone (60 Wh) 79 times</p>