

KASANAKI®
OFF-GRID POWER FOR ON-ROAD LEGENDS

K6

7200w
Boost mode

4608wh

3600w
Bypass mode

Dual Voltage Output Solar Generators

110V/230V 50Hz/60Hz 3600W/6000W Max



GENERAL INFO

Battery Capacity
4608Wh (51.2V/90Ah)

Battery Type
LiFePO4

Working Temperature
0°C~40°C

Storage Temperature
-20°C~60°C

Dimension
Approx 669.1*412.52*426.96mm)

Net Weight
Approx. 49.3kg

INPUT

AC Input
90V~140V 50Hz/60Hz 20A Max 1800W Max

200V~240V 50Hz/60Hz 20A Max 3600W Max

Solar Input
12V~140V MPPT: 18V~130V 15A Max 2100W Max

Cigarette Lighter Input
12V~15V 8.5A Max

OUTPUT

AC Output
110V/230V 50Hz/60Hz 3600W/6000W Max

Boost Mode: 7200W
Surge: 9000W

Bypass Mode: 3600W

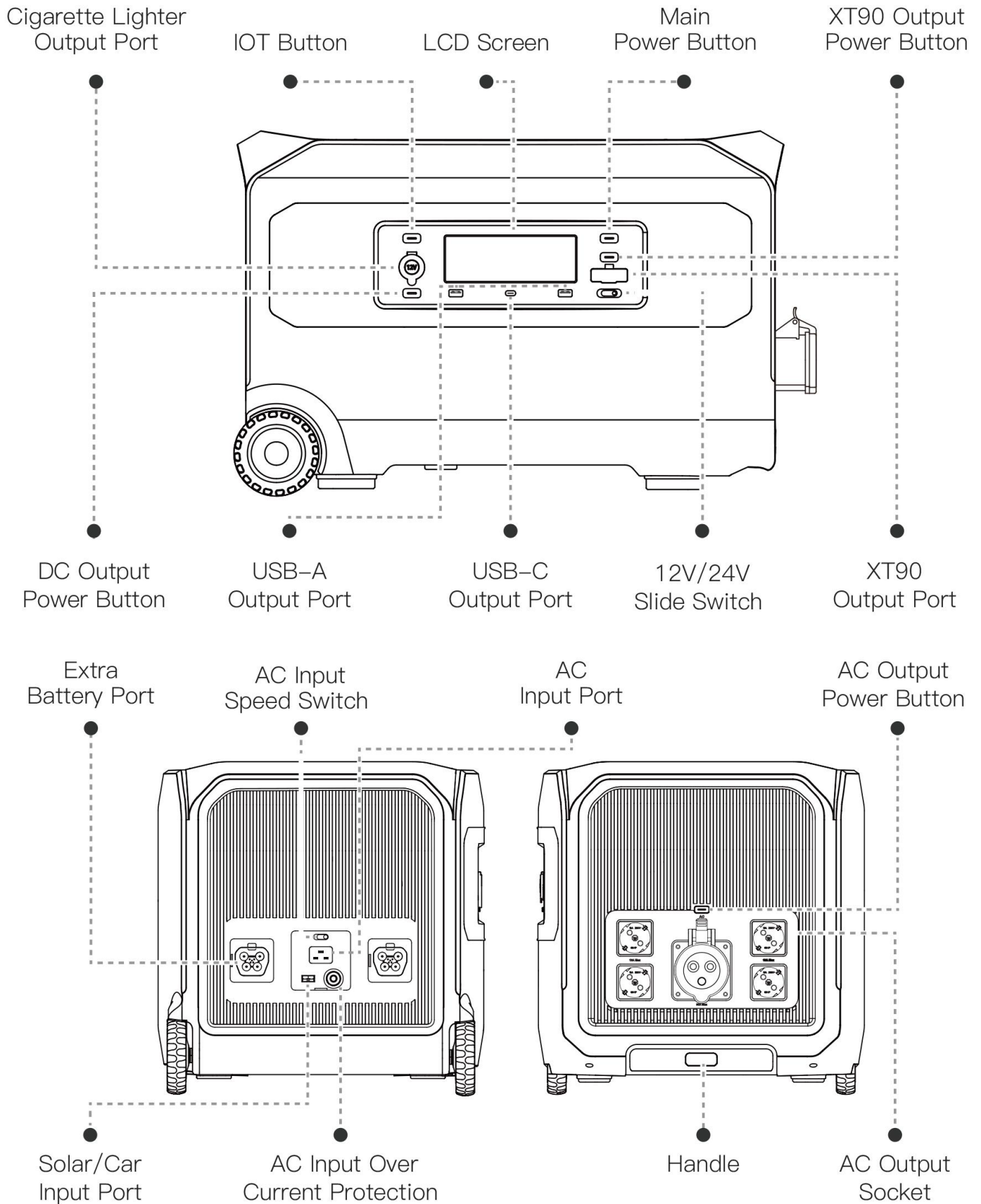
Cigarette Lighter Output
12V10A 120W

USB-A Output
5V3A; 9V2A; 12V1.5A 18W Max

USB-C Output
5V3A; 9V3A; 12V3A; 15V3A; 20V5A; 28V5A 140W Max

XT90 Output
12V30A/24V20A

Product Description



LiFePO₄ BATTERY



RELIABLE & LONG LASTING EV-GRADE BATTERY

Built to last with EV-grade quality, the HP6000 offers 3500+ charge cycles and a 10-year lifespan.

The advanced BMS system ensures safety and reliability every step of the way.

3,500+ CHARGING CYCLES

10 YEARS LIFESPAN

Smart Power Management IC

7 Multiple Protection

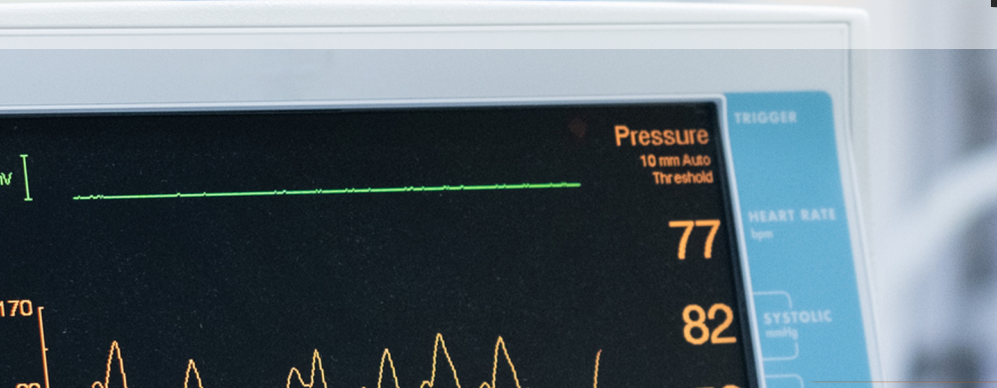
Battery Wake-up Pre-Charge System - 1.5A Trickle activation charge control



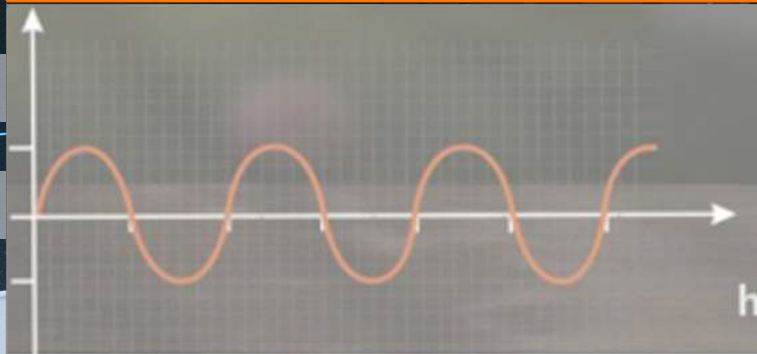
- **Over discharge protection**
- **High temperature protection**
- **Low Temperature protection**
- **Overload protection**
- **Overcharge protection**
- **Short Circuit protection**
- **Static protection**
- **Over release protection**
- **Over current protection**
- **Differential pressure protection**
- **Undervoltage protection**
- **Overvoltage protection**
- **Wire breakage protection**

AC Output

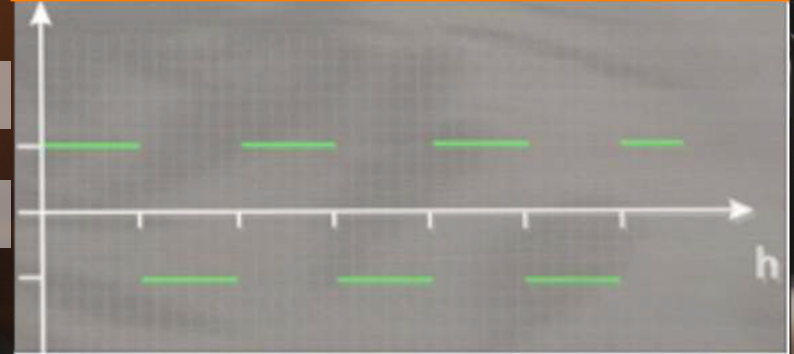
Pure Sine Wave Current More Friendly to Electric Appliance



Pure Sine Wave -- No Damage
to electrical appliances



Correction Wave -- No Damage
to electrical appliances



110V/220V
-110V/-220V

110V/220V
-110V/-220V

Multiple charging methods



MAINS CHARGING

120V: Approximately 2 hours and 50 minutes to fully charge (maximum 1800W)

240V: Approximately 1 hour and 43 minutes to fully charge (maximum 3600W)



SOLAR PANEL CHARGING

Support solar panel charging (PV 137V)

About 3 hours and 15 minutes to fill



MUNICIPAL POWER + SOLAR PANEL CHARGING

Support simultaneous charging of mains power and solar panels

PV(137V) + AC(120V),

About 1 hour and 30 minutes to fill

PV(137V) + AC(240V),

About 1 hour and 15 minutes to fill



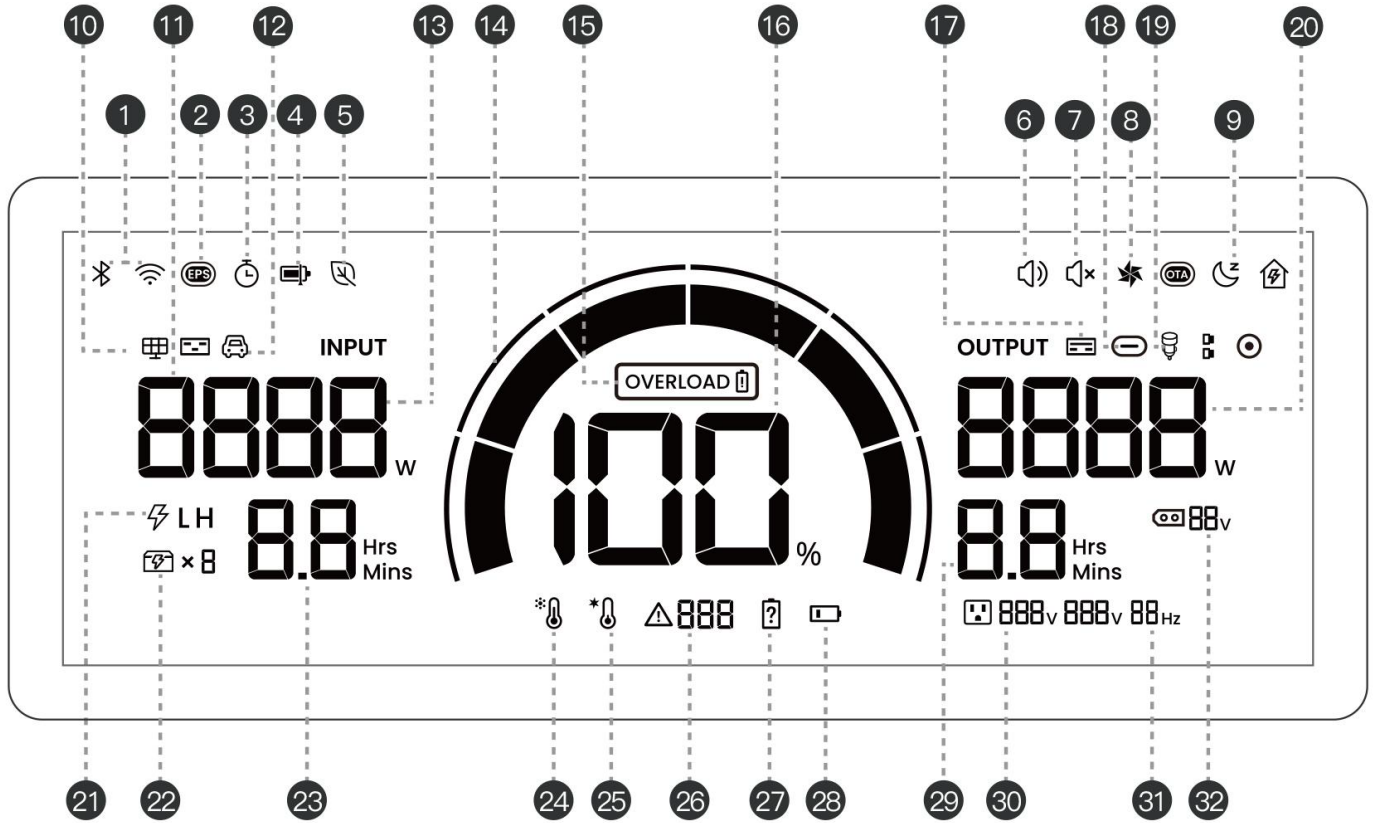
ON-BOARD CHARGING

Support in car charging

12V-15V maximum 8A

INTUITIVE LCD SCREEN

Monitor your power station effortlessly with a crisp, HD screen that delivers real-time status updates at a glance.



1.		Bluetooth&WiFi	12.		Car Input	23.		Charge Time Left
2.		EPS	13.	INPUT	Input Power	24.		High Temp
3.		TOU	14.		BAT Arc	25.		Low Temp
4.		Charge-Discharge Limit	15.		Output Overload	26.		Error Code
5.		Backup Power	16.		BAT Percentage	27.		BAT Error
6.		Sound	17.		USB-A Output	28.		Low BAT
7.		Mute	18.		USB-C Output	29.		Runtime
8.		Fan	19.		Cigarette Lighter	30.		AC Output Volt
9.		Night Mode	20.	OUTPUT	Output Power	31.		AC Output Frequency
10.		Solar Input	21.		Fast&Slow Charge	32.		XT90 Output Volt
11.		AC Input	22.		Extra BAT QTY			

Notice: Unlabeled icons are unsupported in this model.