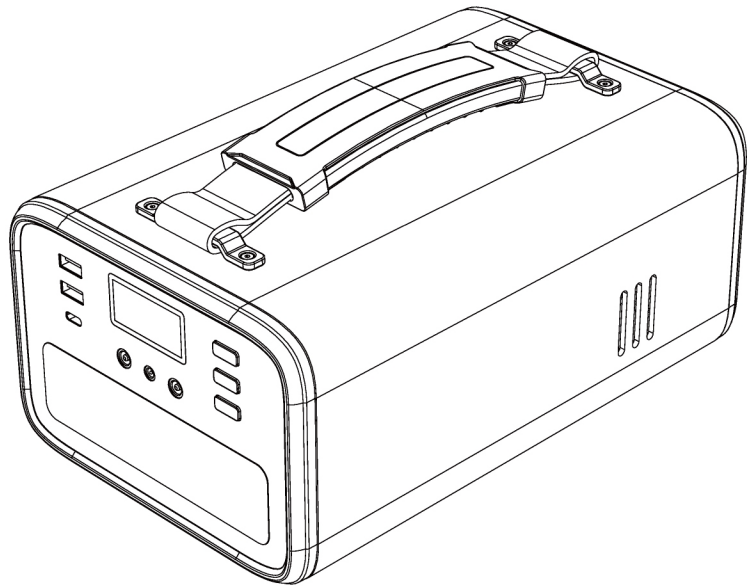




## PORTABLE POWER STATION PPS320W1



### SPECIFICATIONS:

#### Portable Power Station

Model Name : PPS320W1  
Battery : Lithium iron phosphate  
Capacity : 24Ah/12.8V, 307.2Wh (Max.)  
DC Input : 16V/4A  
USB-C Input : PD60W 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A  
AC Output : 220Vac/50Hz 300W (Max.)  
DC Output : 2 x 12V/10A (10A Max.)  
USB Output : USB-A 5V/2.4A  
USB Output : 5V/2.4A, 9V/2A, 12V/1.5A  
USB-C Output : PD60W 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A  
Solar Panel Input : MPPT 12~25V 64W  
Dimensions : 262(L) x 168(W) x 130(H) mm  
Weight : 4460g±300g

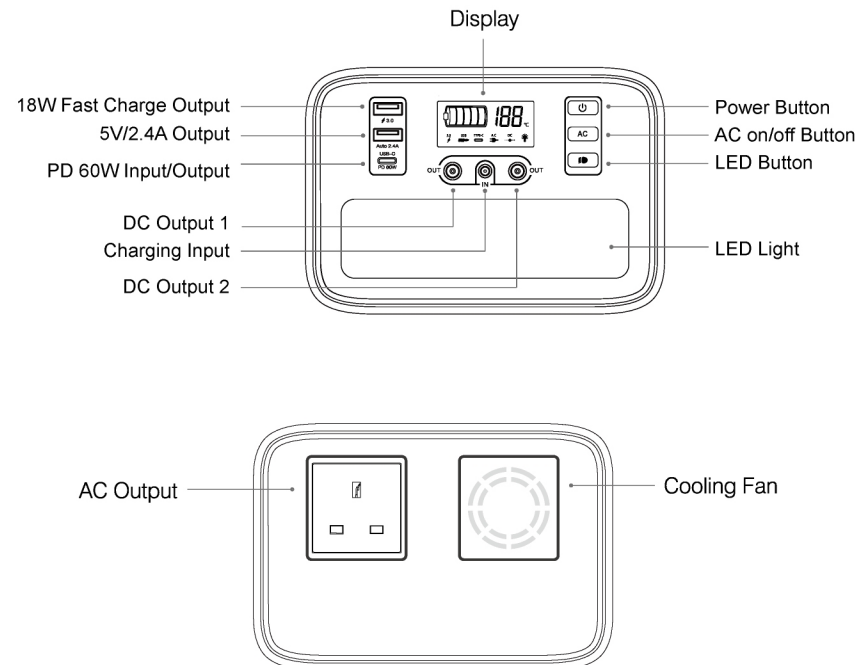
#### Pure Sine Wave Output

This product generates pure sine wave, which is compatible with AC electric appliance that works with Sinusoidal waveform (power <300W). However, the product is only used for emergency situations, it cannot replace the standard DC or AC power supply for household appliances or other electronics.

#### Package Content :

Portable Power Station x 1    Power Adapter x 1    User Manual x 1

### PRODUCT DESCRIPTION



#### AC Output

- A . Press the AC on/off button to activate AC mode.  
B . Connect the appropriate plug to the electrical outlet/socket to begin charging.

#### NOTE:

- A . Do not connect device/appliance that is over 300W  
B. AC electric plug type is based on the country/region being sold.

\*AC electric plug type is based on the country/region being sold.

### HOW TO CHARGE

#### Power Button

- A . Long press the power button for 3 seconds to turn on the power station.  
B . Long press the power button to turn off the power station.

#### AC on/off Button

- A . When the power is on, short press the AC button to turn on AC charging. The temperature indicator and AC icon will show on the display.  
B . Short press the AC button to turn off the power station. The temperature indicator and AC button will shut off too.

#### LED Button

- A . When the power is on, press the button to turn on the LED light mode, it will show constant lighting mode, the light bulb icon will show on the display.  
B . Long press the LED button to adjust the brightness.  
C . Press the button again to switch to different modes- flashing light mode, SOS two-color flashing mode, and off mode. The light bulb icon will shut off too.  
D . Warning: DO NOT stare at the light directly.

#### USB Outputs

- A . For fast charge, please use compatible cable and device(s).  
B . USB-C is designed with Power Delivery technology.

#### NOTE:

When USB-A outputs are overloaded or enter short circuit mode, short press the power button to reactive USB-A charging. For USB-C, unplug and plug in the USB-C cable again to restore charging.

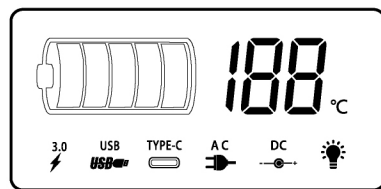
#### DC Outputs

- A . Can connect to a cigarette lighter that is no more than 100W

#### NOTE:

- A . Over-current protection: When the DC output is over current, the corresponding icon on the display will shut off. Short press the power button to restore.  
B . Short-circuit protection: When the DC external short circuit protection is on, the corresponding icon on the display will shut off. Long press the power button to restart the power station and restore output.

### HOW TO RECHARGE



#### LED Display

- A . Charging level in 5 segments of 20%, 40%, 60%, 80%, 100%.  
B . Blinking light indicates it is charging, solid light indicates the product is fully charged.  
C . The icons will light up when the function is activated.

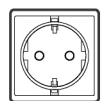
#### Recharge Through Solar Panel

- A . Place the solar panel where it will get the strongest and most direct sunlight as possible.  
B . Connect the cable to the input port to begin recharge.

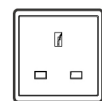
#### NOTE:

- A. The actual charging efficiency can vary widely depending on weather, ambient temperature, sunlight's strength, the angle that the solar panels faces to the straight sunlight and other factors.  
B. Use solar panels below 25V for charging, it will automatically cut off when input higher than 25V.  
C. Built-in MPPT technology that allows solar panel to recharge efficiently.

**Note:** the product has a variety of specifications of the AC output socket, please in kind prevail!



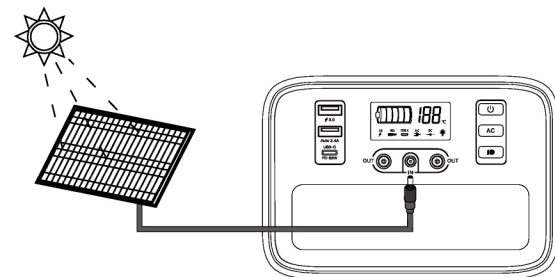
European standard  
AC output socket



British Standard  
AC output socket



Japanese Standard/  
American Standard  
AC output socket



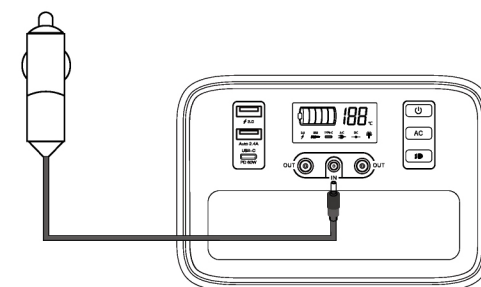
#### Recharge Through AC Adapter

- A . Connect the AC adapter to the input port on the power station to begin recharge.  
B . Blinking light indicates recharge is activated.

#### NOTE:

DC Input Protection Modes:

- A . Over-voltage protection: When the input voltage exceeds 25V, it will automatically shut off.  
B . Reverse charging protection: When the charging is completed, the input port will go into lock mode to prevent reserve charging.



#### Recharge Through Car

- A . Plug in the car charger to the 12V cigarette lighter socket in the car.  
B . Connect the DC input end to the power station.  
C . Please use the car charger that features voltage boost that provides sufficient power, and a 10A protection to protect your car during recharge.

#### Caution

1. Do not short-circuit the product. To avoid short-circuiting, keep the product away from all metal objects (e.g. coins, hair-pins, keys, etc.).
2. Do not heat the product, or dispose it in fire, water or other liquids. Keep it away from high ambient temperature. Do not expose the product to direct sunlight.
3. Keep the product away from humid, dusty places.
4. Do not disassemble or reassemble this product.
5. Do not drop, place heavy objects on, or allow strong impact to this product.
6. To charge some portable electronic devices, you may need to set those devices in charge mode first. Refer the corresponding user manual of those devices for confirmation.
7. Please keep this product away from children.
8. Do not cover the product with towels, clothing and other item.
9. Do not overcharge this product.
10. When fully charged, disconnect the product from the power source immediately.
11. When charging this product, please keep it away from TV, radio and other equipment to avoid radio wave interference.
12. If you are not going to use this product for a long time, please disconnect the cable before storing it away.

#### Cold Weather Usage

Cold temperatures (-10—65℃) can affect the product's battery capacity due to chemical characteristics of the battery. If you'll be living off grid in sub-zero conditions, it is recommended to keep your product in an insulated cooler, and connected to a power source (car charger/AC adapter/solar panel). The natural heat generated by the product contained in an insulated cooler will keep battery capacity at its highest level.

#### Disposal and Recycle

This product should not be disposed along with household waste. Please dispose or recycle this product and the battery inside according to the local rules and regulations.

#### Battery Information

This product has an internal, non-removable, LiFePO4 rechargeable battery. Do not attempt to remove the battery, as you may damage the device.  
The battery can be charged and discharged over 2000 times.



#### PowerSafe Management

Guarantees against short circuit and over-charging for your power bank and devices.



#### Customer Service

For any question about the product, please contact us at [service@energizerpowerbanks.com](mailto:service@energizerpowerbanks.com)



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