

Introduction:

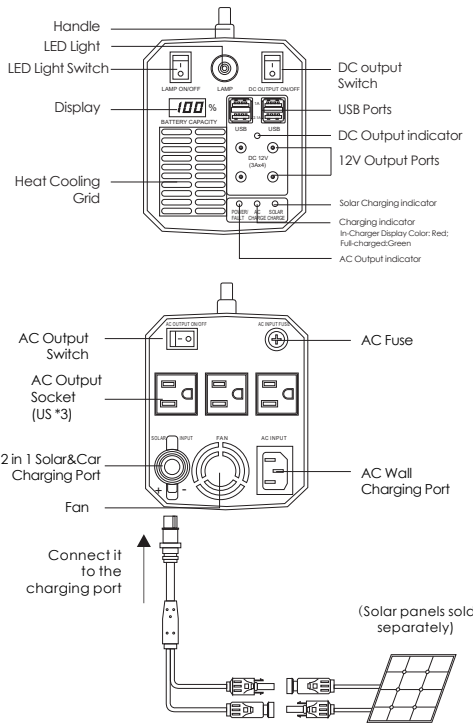
Thanks for purchasing our Kyng Power 500W portable uninterruptable backup power supply (UPS) & rechargeable power bank. This unit is used as indoor emergency power and outdoor activities power supply.

It provides instant battery power to your critical electronics (Router, PC, TVs, security systems, etc.) when the power goes out, as well as power to small house appliances.

It's perfect for emergency and outdoor camping. Please read this manual carefully before using. If you have any questions, please contact us: kyngcustomerservice@gmail.com.

Package contents:

- 1x 500w Uninterruptable Backup Power Supply
- 1x AC Charging Cable (1.5m)
- 1x DC Cable (pin 5.5*2.1mm)
- 1x MC4 Adapter Cable
- 1x Car Charging Cable (0.6m)
- 1x User Manual



Warranty & Customer Support

Thanks for purchasing our 500W portable emergency backup power supply. If you have any questions about it, please feel free to get in touch with us at the email listed below. Your valuable opinions and suggestions are highly appreciated.

Please share your experience as a review to help other potential buyers.

The unit is covered under warranty for 18 months from the date of original purchase.

For questions, support, or warranty claims, contact us at the email below. Please include your order number.

Email: support@kyngstore.com

Website: www.kyngstore.com

Designed in the USA
Made in China

Technical Specifications:

- Capacity: Lithium battery 12v 26Ah 288WH
- Output power: Rated 500W, Peak 1000W
- Output Waveform: Pure Sine Wave
- AC Input Voltage: 100V-240V 50/60Hz
- AC Output Voltage: 110V 60Hz
- DC Output (4 ports): 12V/8A (8A MAX)
- USB Output (4 ports): 5V / 6.2A, can charge any mobile and for IPAD
- UPS conversion time: $\leq 25\text{MS}$
- LED Light: 1W, Max 3W
- Solar Input Charging Panel (Optional): Voltage 18V 100W-250W
- Solar Panel Voltage: $12.75\text{V} \pm 0.075\text{V}$
- Overload, Short circuit protection, Fuse: 8A
- Size: 12.70x5.91x8.66in
- Weight: 3.2kgs (7 lb)

Notes:

1. Solar chargers sold separately.
2. When the LED % is up to 100%, you also need to check if the LED "AC CHARGE" or "Solar Charge" has turned to green to indicate a full charge.
3. Don't load more than a total of 500W to this item. It may overload when your connected load exceeds 500W, and the unit may shut down. You will need to reduce your total equipment load and try again.
4. When bringing this unit for outdoor use, remember to turn off the AC power switch when not in use to prevent drainage.
5. The fuse can be replaced- Fuse is 8A, 250V.
6. Battery is not user-replaceable.

Product Care:

Please read, understand and follow all safety information contained in these instructions prior to the use of this product. Retain these instructions for future reference.

1. This product contains lithium battery. To reduce associated hazardous risks, please avoid fire sources. Proper disposal required.
2. Do not use this product in water or a damp environment.
3. Handle with care, do not use if product is damaged.
4. Completely discharge the battery before first charging.
5. Turning off the power helps save battery when not used frequently.
6. To extend the battery life, please charge the battery every other month if unused for a long time.

- DC Output LED: Indicate DC port and USB port work status (Normal: Green, abnormal: Red)
- Power / Fault LED: Indicate AC power supply status: (Normal: Green, abnormal: Red)
- AC Charger LED: Indicate AC input charging status (During Charging: Red, Fully charged: Green)
- Solar Charge LED: Indicated solar input charging and car input charging status (During Charging: Red, Fully charged: Green)

Features:

1. 3-Way Input Charging: Home wall AC outlet power, Car cigarette DC 12V/24V power, and from 100W-250W solar power panel (Not included).
2. Multiple Power Outputs: 3* 120V AC outlets, 4* 12V DC ports up to 8A, 4* USB charging ports up to 6.2A, 26Ah/288WH. The rechargeable lithium battery lets you have power everywhere, anytime, for all kinds of devices.
3. Emergency UPS back-up power at home or office in case of power fluctuations. UPS conversion time is less than 25MS. When power goes out for even a second it can result in data loss and hardware damage which can shorten equipment life expectancy. This battery backup unit provides sufficient emergency runtime power to allow for safe closure of open files and proper shut down of electronics when an outage occurs. In addition, it safeguards electronics from commonly occurring power surges caused by storms, activity on the power grid, or high-powered equipment turning on and off.
4. Pure Sine Wave: pure sine wave output operates even the most sensitive electronics. It's better than modified sine wave, with Intelligent CPU control mode, Key switch output, LED display, short circuit and surge protection.
5. Long Back-Up Time: About 2-3 hours (PC+Display), About 96 hours (12V LED), About 55 times (for 5V mobile charger), About 8 hours (Laptop 13"), About 6 hours (50W Fan), About 5 hours (32" LCD TV), About 14 hours (20W energy-saving lamps).

FAQS and Solutions:

1. **How long is the runtime?**
Running time = $288\text{Wh} / \text{Your device power}$. For example, Your device power is 60 watt. Then the working time = $288\text{wh} / 60\text{w} = 4.8\text{ hrs.}$ (approx.)
2. **What is the outdoor temperature range for this device?**
I want to keep it outdoors. Is that viable?
Yes, you can keep it outdoors. You can use it in the range from -10 Celsius to 40 Celsius outdoor (14 degrees to 104 Fahrenheit)
3. **How long does it take to charge?**
It takes about 6-8 hours from dead to FULL, charged by AC input. Car cigarette DC power needs 5-6 hours, and solar depends on your panel and the weather conditions.
4. **Will it power devices while charging via solar?**
Yes, you can power your devices while charging. You need confirm the power source has some power already.
5. **Will this be sufficient for emergency power for a refrigerator?**
No, this is just a 500 watt lithium ion battery. It can power the device which power is in range of 500W. Please check the power of your appliances first.
6. **Suggested Related Solar Panel:**
We suggest you use 100-250W solar panel for which Optimum Operating Voltage (Vmp) is 18V, because of higher power & faster charging. Charging speed is also related to sun intensity.