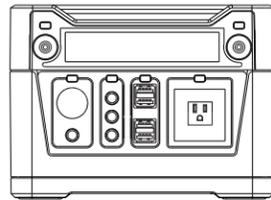




USER MANUAL

300W Portable Generator
Emergency power source



Preface:

Thank you for purchasing our 300W portable generator. In case of power failure or if you need to charge while camping or traveling, you can charge or run your electrical and digital products with this unit. This 26Ah/280Wh rechargeable lithium battery lets you reach power any time for your devices. It supports DC and AC output, and can be used as an emergency light. Please read this manual before use, and contact us with any questions.

Product Care:

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

1. This product contains a 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. Turning off the power helps save the battery when not used frequently.
5. To extend the battery life, please charge the battery every other month if unused for a long time.

Package contents:

- 1 x 300W Portable Generator
- 1 x AC Charging Cable
- 1 x MC4 Adapter Cable
- 1 x Car Charging Cable
- 1 x User Manual

Why Choose this item?

1. Three ways input charging- Home wall AC outlet power, Car cigarette DC 12V/24V power and from 60W-100W 18v solar panel (not included)
2. Pure Sine Wave: this output type operated 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.
3. Long backup time: about 1-2 hours (PC + display), 90 hours (12V LED), 55 times (for 5V mobile charger), 7 hours (13" laptop), 4 hours (32" LCD TV), 14 hours (20W energy-saving lamps)

Questions and Answers:

1. How to calculate the charging time for your device:
Charging time = 280Wh / your device power. For example, device power is 60W. Working time = 280Wh / 60W = 4.6 hrs.
2. Suggested solar panel: 60-100W solar panel with optimum operating voltage (Vmp) of 18V. Higher wattage results in faster charging speed, along with the sun intensity.
3. How to check the generator charging state:
Full Power State: when the battery is fully charged, the display shows 12.6V.
Low Battery State: when the display shows 9.6V, it will sound an alarm. When it shows 9.0V, it will stop outputting.
4. What appliances can be run using this unit?
Please ensure that your appliance power does not exceed 300W.
5. When this product detects that the connected device consumes less than 1W in 30 minutes, it will automatically enter the energy saving sleep mode and shut down. To re-awaken, press the switch on the output port and ensure the connected device is higher than 1W.

Warranty & Customer Support

Kyng Power offers an 18-month warranty against potential manufacturing defects.

If you have any questions or issues, please contact us via email:

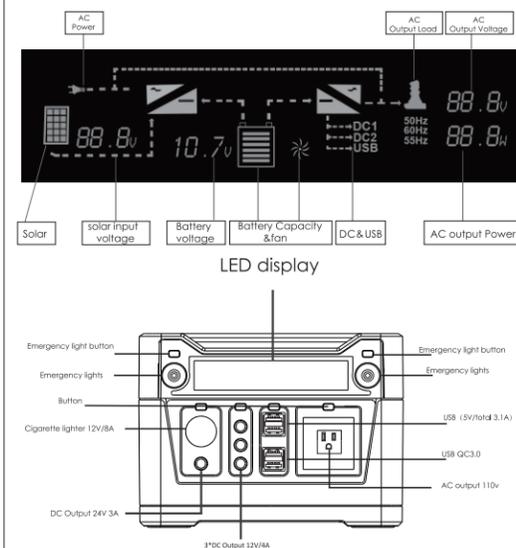
support@kyngstore.com



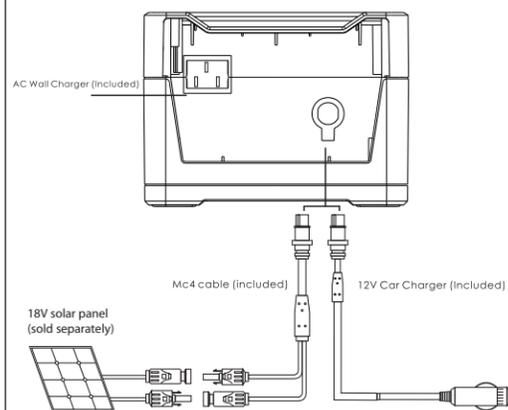
Product parameters:

| | |
|---------------------------------------|--|
| Capacity | Lithium battery 12v 280WH |
| Continuous power | 300W |
| Over-load protection | 340W ± 20W |
| Peak Output power | 600W |
| Output waveform | Pure sine wave |
| AC input Voltage | 100V-240V 50/60HZ |
| AC Output Voltage | AC110V ± 10% 60Hz ± 1Hz |
| Output Real power | ≥ 85% |
| No-load current | 0.4A ± 0.1A |
| Under-voltage | 8.5 ± 0.5V |
| Auto recover when UVP locked | 11 ± 0.5V |
| Over-voltage protection | 13 ± 0.5V |
| Auto recover when OVP locked | 12.5 ± 0.5V |
| Fuse | 2*30A |
| Overheat protection | > 65°C |
| Cooling fan | Temperature control (2 fan) |
| Short-circuit protection | Have |
| USB output | USB (5V/total 3.1A) USB2 (QC3.0) |
| DC output 1 | 24V/3A+cigarette lighter 12V/8A |
| DC Output 2 | 12V 3*output ports (4A+4A+4A) |
| LED Lighting | 2PCS 1W LED Light with SOS function |
| LED instruction | Solar input, battery voltage, battery capacity, fan, DC1, DC2, USB, AC output current, AC output voltage, AC output power, electricity input, as picture |
| solar input Charging panel (Optional) | Voltage 18V 60W-100W |
| Solar Panel Voltage | 12.75V ± 0.075V |
| Size | 7.48*5.9*5.5in |
| Weight | 3.32kg(7.31lb) |

Product Diagram



Three ways of recharging



1. 110V AC wall plug cable included (6-7 hours Fully Charged)
2. 12V Car Charger cable included (6-7 hours Fully Charged)
3. 60~100 Watt Solar Panel (Not included), Operating Voltage 18V with MC4 connector (14~16 hours Fully Charged depending on solar conditions)

Additional Questions and Answers:

- Q: How long will it work at 80% load?
A: It depends on your device's input load, please check your device's input voltage and current.
- Q: What kind of "mini fridge" could this unit power?
A: The generator AC continuous output is 300W and the battery capacity is 280Wh. It could power a fridge with less than 300W, the amount of time depends on the fridge power and the compressor. The power of the fridge compressor is typically three times that of the fridge power.
- Q: Can this be used to jump-start a car battery?
A: No, it cannot be used to jump start a car.
- Q: Can you charge the battery using solar while charging your phone at the same time?
A: Yes, you can.
- Q: Will this be able to power up a router for accessing internet?
A: It can, but how long it will run will depend upon the current draw of the router.
- Q: Is the battery user replaceable?
A: No, it is not.