

# Portable Lithium Solar Generator

## Instruction Manual

### MINOTAUR



### Packing List

- 1 Pcs Portable Solar Power Generator
- 1 Pcs AC wall charger (Including AC input charging cable)
- 1 Pcs PV solar charge cable (7909 to MC4)
- 1 Pcs User manual
- 1 Pcs Car charging cable
- 1 Pcs Carrying strap

### WHAT'S IN THE BOX

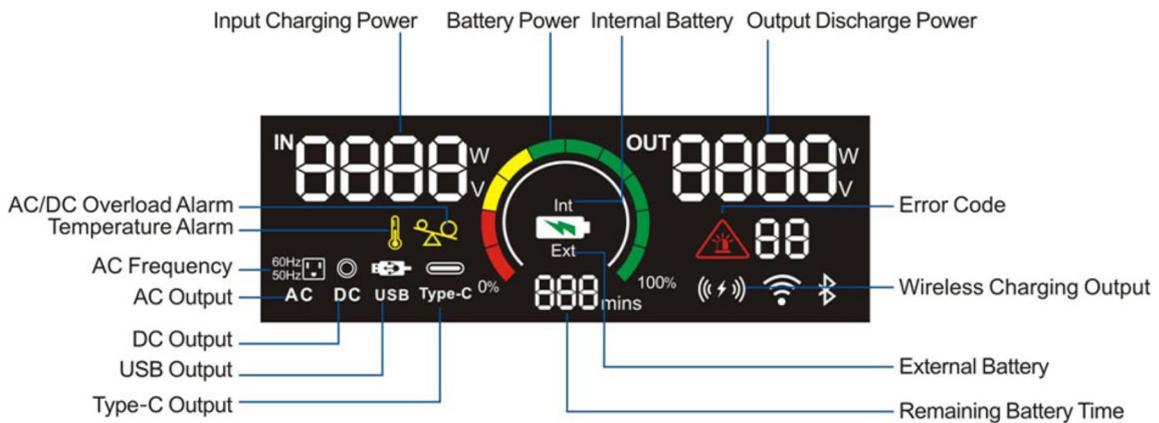


Please visit our website [www.srportables.com](http://www.srportables.com) to register your product

# Part Description



- |                     |                      |                                                 |
|---------------------|----------------------|-------------------------------------------------|
| 1. Wireless Charger | 6. 2 Type-C Ports    | 11. Air Inlet                                   |
| 2. Digital Display  | 7. AC Power Switch   | 12. AC Outlets                                  |
| 3. Car Port         | 8. Main Power Switch | 13. DC Input Port<br>(Car/Solar)                |
| 4. DC 5521 Port     | 9. DC Power Switch   | 14. DC Input Port<br>(Adaptor/External Battery) |
| 5. 4 USB-A Ports    | 10. Aviation Socket  | 15. Air Outlet                                  |



# Safety and Precautions

## Safety Warning

1. Please read all the safety warnings and labels before using the product.
2. Avoid exposing the product to rain or using the product in a humid environment.
3. Do not install the product near heat sources, such as electric furnaces and heaters.
4. Wipe the product clean with a dry cloth.
5. In case of fire, use dry powder fire extinguishers for this product. Do not use water fire extinguisher, which may cause electric shock.
6. Please do not alter or disassemble this product.

# Safety and Precautions

## Storage and Maintenance

1. Operating and storage environment may influence product life and the reliability of performance. Remember to:
  - (i) Place the product in a dry and well-ventilated area with mild temperature (suitable temperature: 0°C -45°C, suitable relative humidity 10% ~ 90%)
  - (ii) Place the product in a safe area where it will not fall or shake.
  - (iii) Keep the product away from corrosive and combustible material.
2. The product will turn itself off when the battery voltage is very low. If this happens, you need to charge the battery within 2-3 months.
3. If you are not going to use it for a long time, please charge it fully before storage and then charge it at least once every month. Store the product in a dry environment.

## How to Charge this Product?

### Solar Panel to Charge the Product

1. Choose a suitable solar panel (recommended DC14~40V/120W).
2. Keep the solar panel under direct sunlight and facing the sun.
3. Connect the solar panel to the product at the AC port using the MC4 cable.
4. Please charge the product under Operational Temperature: Charge 0°C ~ 45°C, Discharge -20°C ~ 60°C (powering appliances)
5. When the product is fully charged by the sun, it will stop charging automatically. (The charging time is different under different sunlight intensity)
6. All products can be charged and used simultaneously
7. During charging, it is normal for the product to get a little hot.
8. Please make sure the cable connections are secure and stable, or it might result in overheating and short circuits.

### MULTIPLE CHARGING OPTIONS



### AC Charger to Charge the Product

1. Always use the standard AC charger that comes with the product.
2. Insert one end of the adapter into the wall outlet and insert the other end into the input port of the product.
3. Please unplug the charger after charging is completed.
4. During charging, it is normal for the product to get a little hot.
5. Make sure that the wiring is connected properly, otherwise the contact terminals may melt or ignite at high temperatures.

### Car Charger to Charge the Product

1. Connect the product to the cigarette lighter socket in the car with the cigarette lighter cable provided in the package.
2. The product will be fully charged with both a 24V and a 12V car battery.
3. Charge the product after starting the car.
4. Make sure that the wiring is connected properly, otherwise the contact terminals may melt or ignite at high temperatures.

# Turn ON/OFF the Product

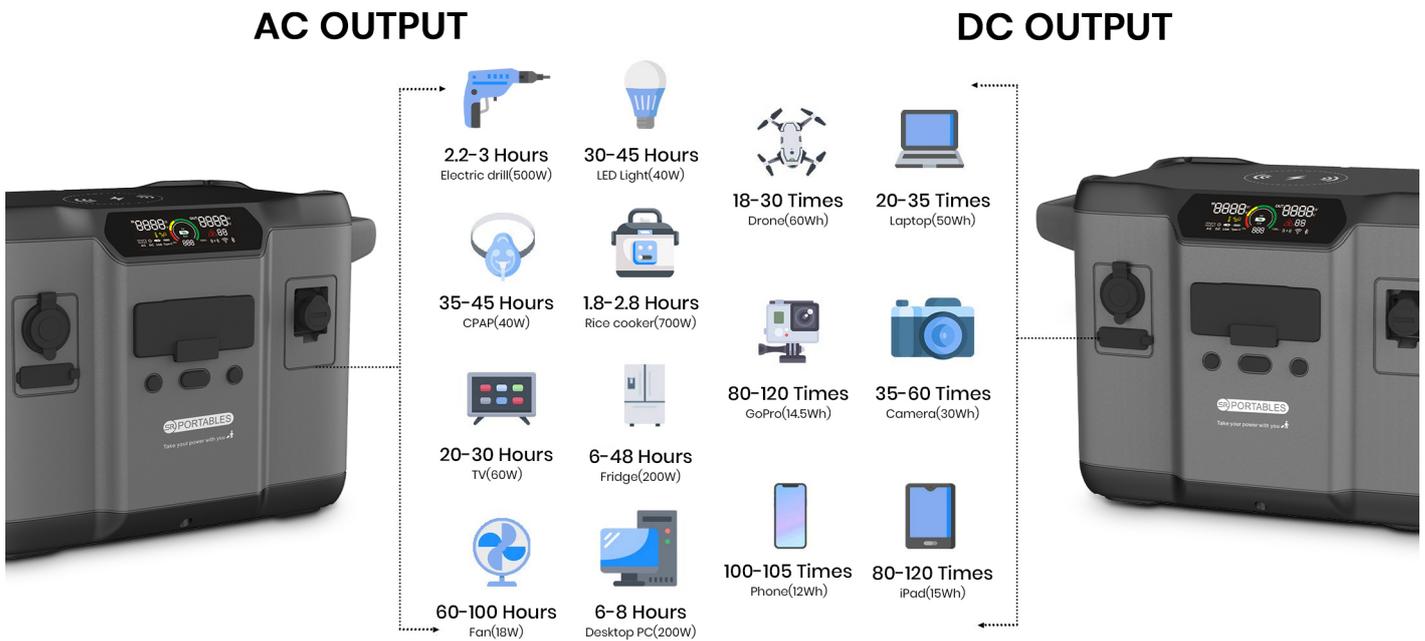
1. Turn on the product: Press and hold the master power button about 2 seconds to turn on the product. The LED indicator light and the display screen will light up.
2. Turn off the product: Press and hold the master power button about 2 seconds to turn off the product. The display screen and the LED indicator light would turn off.

# AC/DC Output

1. Turn on AC/DC output: Press and hold the AC/DC power button to turn on the product. The corresponding LED indicator light would light up and the display screen would show "AC ON/DC ON".
2. Turn off AC/DC output: Press and hold the AC/DC power button to turn off the product. The LED indicator light would turn off and the display screen would show "AC OFF/ DC OFF".

**Note:** Check to make sure the product is turned on. Otherwise, you cannot turn on the AC/ DC output.

# Output



## Technical Specifications

Model	Minotaur	
Internal Battery	Battery Capacity	1395Wh(37.7Ah/37V)
AC Output	Output Voltage	100V/110V or 220V/230V/240V
	Output Frequency	50Hz/60Hz
	Rated Power	1200W
	Peak Power	≥2400W
	Wave Form	Pure Sine Wave
DC Output	4x USB A QC	5V~9V 2A
	Type-C 1	5V/9V/12V/15V@3A, 20V/2.25A
	Type-C 2	5V/9V/12V/15V@3A, 20V/5A
	Car Port	13.5V/8A
	Aviation Socket	
	2x DC5521	13.5V/3A
	Wireless Charger	5W~10W
Input	AC/DC Charger	Standard 42V/6A or Optional Power
	Car Charger	12V~24V 10A, 240W Max
	Solar MPPT Charger	12V~42V 10A, 400W Max
General	Dimensions	L430xW257xH261.5mm
	Working Temperature	0 ~ 45°C
	Working Humidity	0 ~ 90%
	Storage Temperature	-20°C ~ 45°C
	Technical Standard	PSE, FCC, CE, UN38.3, ROHS
	Net Weight	15Kg
	Physical Protection	IP54
	AC Outlet(Optional)	US/JP/UK/EU/Australian/Universal/Chinese

## Operating Conditions

1. Operational Environment: Indoor and Outdoor (non waterproof)
2. Operational Temperature: Charge 0°C ~ 45°C, Discharge -20°C ~ 60°C (powering appliances)
3. Storage: -20°C ~ 45°C