

Multi-function portable backup power

# User Manual



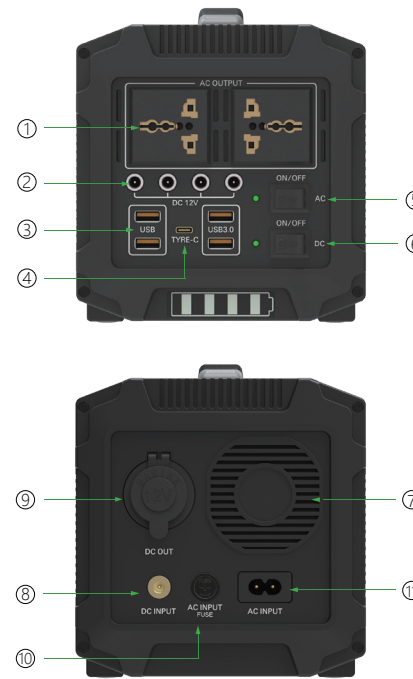
## Preface

Thanks for choosing our portable AC power supply. Please read this manual carefully before using and keep it for review.

We have models of 110V/60Hz and 220V/50Hz ,Please choose the right type according to your local voltage frequency.

This manual helps you to operate this device correctly. But it is not the introduction of the soft & hard ware configuration. Any configuration of products. Please refer to the related contract or consult with your distributor. the images in this manual are for reference only. Thank you!

## Description



- ① Universal AC sockets
- ② 12V/15A DC output
- ③ 5V USB output
- ④ Type C output
- ⑤ AC on/off switch
- ⑥ USB/DC on/off switch
- ⑦ Cooling Fan
- ⑧ DC 12V~18V solar charge input
- ⑨ 12V Cigarette lighter socket
- ⑩ Built-in Fuse
- ⑪ 110V/220V AC charge input

## Specifications



|                         |   |
|-------------------------|---|
| Model                   | SRY1L12220-05P  |
| Battery Capacity        | 500 Wh  |
| Rated Power             | 500W  |
| AC Charge Input         | AC 100~240V 50/60Hz   |
| AC Output               | 100~120 or 220~240V 50/60Hz   |
| USB Output              | QC 3.0 Max 24W  |
| Type C Output           | PD 40W  |
| DC Output               | 12V/ 8Amax  |
| Cigar port output       | 12V/10Amax  |
| Solar Charge Input      | 13V~21V 10A   |
| Output Waveform         | Pure Sine Wave  |
| Transient Response Time | ≤5MS  |
| Net Weight              | 4.8KG   |
| Size                    | L290*W154*T183mm  |
| Operation Temperature   | -10° C (14°F) ~60° C (140° F)   |
| Protection Circuit      | Short circuit,Over current,Over power, Over discharge,Over charge , over-temperature Multi-Protection |

## How to use the AC power supply

■ Please Turn on the DC or AC output switch before start to use it.



This portable UPS works as a power bridge during national grid power fluctuation, unit itself will not discharge as long as house power is on.



It is ready to power your device within 5ms when house AC power is cut, and keep your device working without shutdown.

■ When connect loads to the product,please note that don't charge the device power total more than 500W.or else, the power supply will come into self-protection, please remove all loads and reboot the power supply to make it recovery. it mainly causes short circuit or unusual surge to break the external fuse,just replace a new fuse.for AC220V,please use 5A fuse,for AC 110V,use 10A fuse.

■ When bring this power supply for outdoor use,please turn off the AC/DC switch to avoid Min power.

## Three ways to charge your AC power supply

### 1. By Power cord

■Please use our original cable , the AC charging indicator light is red when charging,turn green when full charged.

### 2. By Solar Panel

■The solar panel should be under 18V 180W, the solar charging indicator light is red when charging,went out when full charged.

### 3. By Car charger

■Only for 12V car charging! Avoid 24V car charging!

## Function Description

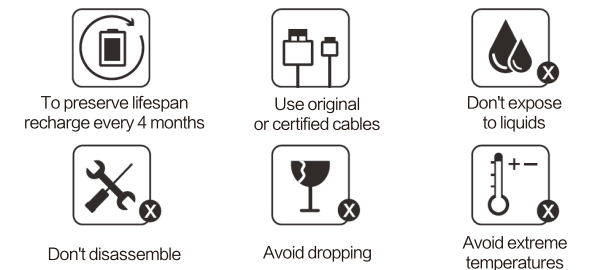
| Device name          | Backup Time (only for reference)       |
|----------------------|--|
| USB for iphone 5     | 80 times                               |
| 12V 3W LED           | 145 hours                              |
| Desktop computer     | Computer host +Display about 4.5 hours |
| 50W Fan              | 8.5 hours                              |
| 42 inch LCD TV       | 7 hours                                |
| 80W Car Refrigerator | 5 hours                                |
| 10W Camera           | 44 hours                               |

Built-in 2 AC Power Output,Provides continuous pure sine wave AC to power up major household appliances and camping equipments. Such as UAV、Laptop、Electric Scooter、iPad、Pump、mini printer,All kinds of lamps, fish tank heater, photographic equipment, Ventilator, massage instrument, medical equipment, travel by car, outdoor operations, camping picnic,Mountaineering adventure, fire relief, military troops and other essential products.

## Packing List

| sequence | Accessories       | The number |
|----------|-------------------|------------|
| 1        | The Power Supply  | 1PC        |
| 2        | AC adaptor        | 1PC        |
| 3        | Manual            | 1PC        |
| 4        | AC charging cable | 1PC        |

## Attention



## Caution:

- Contains explosive material, away from fire
- please use this products in the place which well ventilated so that ups won't shut off because of overheating.
- Keep out of reach of children