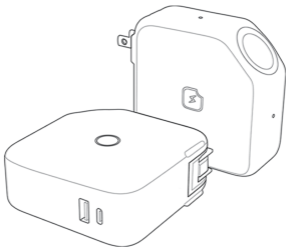


# WATTSUGAR

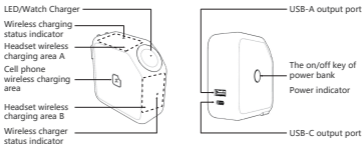
Multifunctional Charger



Wattsugar user manual

## Product introduction

Thank you for using WattSugar. WattSugar has three working modes: adapter, wireless charging, and power bank. Besides charging your laptop with USB-c, WattSugar can also charge your mobile phones, Air Pods, and Apple Watch both wirelessly and with a cable. WattSugar's internal battery is made of high-quality battery cells, which have outstanding performance with safety and efficiency.



### Note:

With a device is connected with a cable, WattSugar will automatically identify and start charging it. After the device is fully charged, WattSugar will shut itself down in about 30 seconds and turn off the power indicator.

The Watch Charger supports Apple Watch only. Only Qi-compatible devices are supported to be used with the 3 wireless charging areas. The wireless charging area A and B cannot be used at the same time.

Basic parameter	
Product name	WattSugar Multifunctional charger
Product model	RN01
Output connector type	USB-C, USB-A
Support protocols	USB-C supports PD3.0, PD2.0, PPS, QC3.0, QC2.0, QC4.0+, APPLE2.4A, SAMSUNG5V2A, AFC, FCP, SCP
Adapter mode	
USB-C output	5V3A, 9V3A, 12V3A, 15V3A, 20V3A
USB-A output	5V3A
Wireless output for headphones	5W Max
Night light/watch output	2.5W
Total output	60W Max

Multi-port output	USB-C+USB A: 45W+15W Max
	USB-C+Headphones/Watches: 45W+5W Max
	USB-C+USB A+Headphones/Watches: 30W+15W+5W Max
	USB-C+USB A+Headphones/Watches: 30W+15W+5W+2.5W Max

- When using C port for 45W or 30W full charge in adapter mode, then using wireless charging will cause wireless charging to pause or enter low power intermittent charging state due to environmental and equipment temperature changes, this phenomenon is controlled by the wireless charging receiving device, self-protection function triggered by temperature changes, it is recommended that wireless charging be performed at the right temperature or a reasonable combination with the use of the product state.

- In the adapter mode, when the headphone or watch is detected to be charging, take away the headphone or watch at this time, the power switch of C port or A port will be switched after about 2 minutes in order to optimize the charging experience.

- In adapter mode, USB-C output >33W will not charge the battery cell, and <28W will charge the battery cell. USB-A output >2A does not charge the battery cell, <1A charges the battery cell. Charging power is 5V1.7A Max.

#### Power bank mode

USB-C output: 5V3A, 9V2.22A, 12V1.67A	USB C + A output: 5V3A Max
USB-A output: 5V3A	Headphone wireless output: 5W Max
Cell phone coil output: 10W (when used alone)	LED/Watch output: 2.5W

In charge-and-discharge mode, it supports charging the battery via USB-C with 5V/3A or 9V2A charger plugged into USB-C, while USB-A supports 5V1A Max output.

#### Instructions for using the power bank mode

In the power bank mode, it supports one click to open normal mode or double click to open micro-current mode. Or directly insert the data cable into USB-C or USB-A, it can automatically identify and start charging without key operation.

General mode	Click to open the general mode, which supports USB-C alone for 20W Max output or USB-A alone for 15W Max output or USB-C+USB-A share 15W output or use the side Qi certified wireless charging area alone for maximum 10W Max charging. If no device is detected charging after clicking, the output will be automatically turned off after about 30 seconds.
Microcurrent mode	Double click to open micro-current mode, double click again to exit micro-current mode. In this mode, it can support LED/Watch to work continuously for 2 hours, or LED/Watch+Headphone wireless charger/phone wireless charger+USB C+USB A to share 5V3A. To avoid the power loss of the power bank, please long press the button to turn off the power bank when no device is in use.

Battery type	Lithium batteries
Battery Capacity	4930mAh/18.2Wh
AC input	100V-240V~1.5A Max, 50/60Hz
Operating temperature	The surface temperature range of the battery when charging is 0-50°C, beyond which the charging will be stopped. The maximum charging power is 18W Max. The surface temperature range of the battery when discharging is 20-60 degrees Celsius, and will stop discharging when the range is exceeded. The maximum discharging power is 20W Max.
Overall product size	88.8 mm * 88.8mm * 35.7 mm

#### Product features

**Safety:** multiple protection, including short-circuit protection, over-current protection, over-voltage protection, over-temperature protection, under-voltage protection and FOD foreign body detection, fire and high temperature resistant materials to build, safe and reliable.

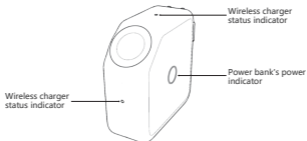
**High efficiency:** Support 100-240V AC input

**Compatible:** Compatible with mainstream smartphones, tablets, laptops and wireless charging devices that support Qi protocol, as well as digital products powered by USB-C and USB-A interfaces.

**Universal:** This product can be compatible with sockets in different countries by installing a British/European/Australian standard conversion plug on the AC pins.

#### Description of indicator status in adapter mode

The product can be connected to the power supply to charge the internal battery of the product and to charge mobile devices. When charging, the status of the display and the power level correspond as follows:



### Round indicator status description

Connect this product with wireless charging device or data cable to charge digital products. The corresponding relationship between the display status and the power bank when discharging is as follows:



Display Status	Status/power percentage
Red light	0%-32%
Blue light	33%-65%
White light	66%-100%
White light is always on	Fully charged
Red/blue/white light slow flashing	Being charged
Red/blue/white light flashing fast	Low battery, prompt to charge (In AC mode)

### Wireless charger indicator status description






Display status	Status
Red light flashing	Over temperature protection/over voltage undervoltage Protection / FOD foreign body detection
Red, white and green light 1S off after flashing	Power-up indication
Green light is always on	Being charged
White light is always on	Fully charged
No light	Wireless charger not working

#### Note:

The long white light is only valid for smart devices with full power feedback. When the red light of FOD foreign object detection flashes, if the status has not been lifted, the power bank will automatically turn off the power output and enter the shutdown state after about 30 seconds.

## Instructions for using the Led/Watch replacement function

①	 <p>Watch module or LED module</p>
②	 <p>Tighten clockwise / Counterclockwise removal</p>
③	 <p>or</p>


Put the Led or watch module into the notch of the charger, grasp the device with both hands and use your left and right thumbs to make the module rotate clockwise to install the module, and counterclockwise to remove the module.

LED module Function description	Use your finger to click the center of the module once to turn on the warm white light, click again to turn on the warm yellow light, click again to turn on the warm white + warm yellow light, and click again to turn off all lights. Under any kind of light, use your finger to long press and hold to adjust the intensity of the light.
Watch module Function description	This part is an MFI certified accessory that only supports all series of Apple Watch and provides a maximum output of 2.5W Max. This module is only supported for use in AC mode or micro-current mode.

## Cautions

- When charging this product or using this product to charge other devices, please choose the appropriate cable by yourself.
- Make sure someone is present during charging of this product, and unplug the power when you go out or leave for a long time.
- When the product is fully charged, or when the product is fully charged for other devices, please unplug the power supply and the connection cable in time to avoid the loss for a long time.
- When you do not use the product for a long time, please keep the power of the product in the range of about 25%-50% and put it in a cool and dry environment.
- Avoid storing the product for a long time under full or no power to prolong the battery life.

## Special substance statement

Name of parts	Toxic and harmful substances or elements 					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
PCB	X	O	O	O	O	O
plastic	O	O	O	O	O	O
Metal	X	O	O	O	O	O
Accessory	O	O	O	O	O	O

This table is prepared according to the provisions of SJ/T 11364.

O: means that the content of the harmful substance in all homogeneous materials of the part is below the limit requirement of GB/T 26572 standard.

X: indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit specified in GB/T 26572 standard.

The product complies with EU RoHS 2.0 Directive (2011/65/EU)

### **⚠ Safety warning**

Improper use may lead to battery failure, heat, or even fire, explosion, in order to avoid harm to your person and property, please strictly follow the following requirements to store and use this product.

- This product is not a toy, please place it out of the reach of children, and prohibit children from using or playing with it to avoid accidents.
- Do not press the product heavily, knock the product and avoid serious drops or strong shocks to the product. If this happens, or if liquid penetrates or spills into the product, it may cause damage to the battery, circuitry or short circuit, so please stop using it immediately and dispose of it properly.
- If the product expands, deforms, leaks, or has a significant decrease in capacity, please stop using it immediately and dispose of it properly.
- Do not place the product in a pocket of clothes or pants, in a closed bag, on a bed, sofa, etc., where it may affect its heat dissipation to charge or discharge to the outside, and make sure that the product is not covered by clothes, pillows, bedding or other debris during use, and do not stack the product with other devices such as cell phones when charging them for a long time to ensure good heat dissipation of cell phones and other devices.
- It is strictly prohibited to disassemble, squeeze, puncture, short-circuit the product or put it into water, fire (including leaning into heat sources such as stoves, heaters, etc.), or expose it to temperatures higher than 70°C (158°F).
- Do not leave this product outside in an unoccupied car or other sunny places in hot weather.
- This product contains lithium-ion batteries, it is strictly forbidden to disassemble the shell of the product to avoid breaking the batteries or other dangers.



## Wattsugar multifunctional charger warranty instructions

- The warranty or replacement period is one year (365 days) from the date of purchase.
- A 15% charge will be charged for products without the original packing box.
- We are not responsible for unauthorized disassembly or destruction of products.
- Voucher of purchase is required to obtain warranty service.
- When replacing/repairing products, the warranty period will not be extended.
- 7 days no reason to return (e-commerce purchase channel), the user bears the logistics costs.
- After the test is determined, you can enjoy the following services free of charge:

Service type	Service policy
Return	Return the product within 7 days from the date of purchase due to quality reasons.
Return	Return the product within 15 days from the date of purchase due to quality reasons.
Return	Maintenance due to product quality within one year from the date of purchase.

**Note:** After receiving the product, please retain the charger's protective film when trying it out. If the protective film is torn, it may cause the appearance of the charger to be scratched, in this case, the product cannot be returned or exchanged unless it is a quality issue.

## Non-warranty regulations

- Unauthorized maintenance, misuse, collision, negligence, abuse, fluid, accident, alteration, incorrect use of non-product parts, or torn, altered label, anti-counterfeit label.
- Has passed the expiration date of the three warranties.
- Damage caused by force majeure.
- The product and accessories performance failure due to human causes.

## Three Warranties Certificate (Multi-functional charger)

### User information

Name: \_\_\_\_\_ Telephone: \_\_\_\_\_

E-Mail: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Address: \_\_\_\_\_

### Product information

Device model: \_\_\_\_\_

SN: \_\_\_\_\_

### Dealer information

Store address: \_\_\_\_\_

Store phone: \_\_\_\_\_

Invoice number: \_\_\_\_\_

Date of purchase: \_\_\_\_\_



Official website: [www.wattsugar.com](http://www.wattsugar.com)  
After-sales service: [support@wattsugar.com](mailto:support@wattsugar.com)

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