

# **Super Charging Station with Alarm Clock**

**CF-W15**



## **User Manual**

**(Version 1.0 June, 2019)**

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## **Thank you for your support**

Thank you for choosing our product, we are committed to research and development and manufacturing of high-quality and practical products. This manual introduces the function and usage of this new product in detail. Please read this manual for a few minutes before using the product, so that this product can be used correctly and the full functionality of the product can be utilized for your benefit.



### I . Product Introduction

This product is a multi-function charger with alarm clock, which can typically be used at home/hotel bedside tables, office desktops, etc. as a fashionable decoration unit. Functions of the product are: clock, alarm, wired charging (fast charge), wireless charging (Qi fast charge), handy night light, and AC outlet.

#### 1.1 Clock & Alarm

The clock is a 12-hour clock with AM and PM indicators, and the digital screen of the clock is displayed in 88:88 mode. Two alarms can be set on the product with “Alarm 1” and “Alarm 2” displayed at the bottom of the digital screen. A wireless charging indicator and a battery status indicator are also displayed on the digital screen. The brightness of the digital screen can be adjusted according to individual needs through the knob switch on the right side. Next to the knob switch are 4 keys: OK key (OK), plus key (+), function key (M) and minus key (-) for operating the clock and setting alarms.

#### 1.2 Input

Input: AC 100V-240V 50/60Hz. The three-in-one socket has a switch, a fuse, and a pin-shaped socket. This part provides input for the AC-DC module and the 2 AC-output expansion ports.

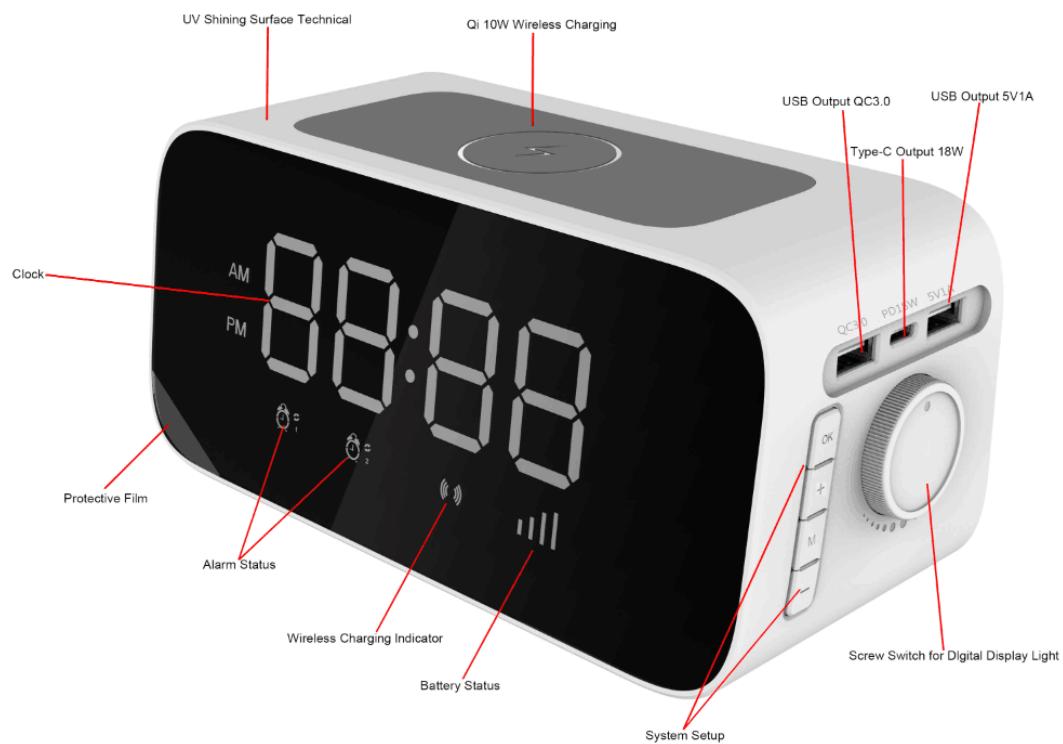
#### 1.3 Output

**1.3.1 AC output:** two US standard three-hole sockets are connected to

the AC-input socket, and the output electrical properties are the same as the AC input.

**1.3.2 USB output:** the 3 USB outputs are USB-A QC3.0 (5V 3A/9V 2A/12V 1.5A), USB-A 5V 1A, and USB Type-C PD 18W (5V 3A/9V 2A/12V 1.5A).

**1.3.3 Wireless output:** Qi (10W) fast charging. The wireless charging indicator lights up on the clock screen when wireless charging is in operation.



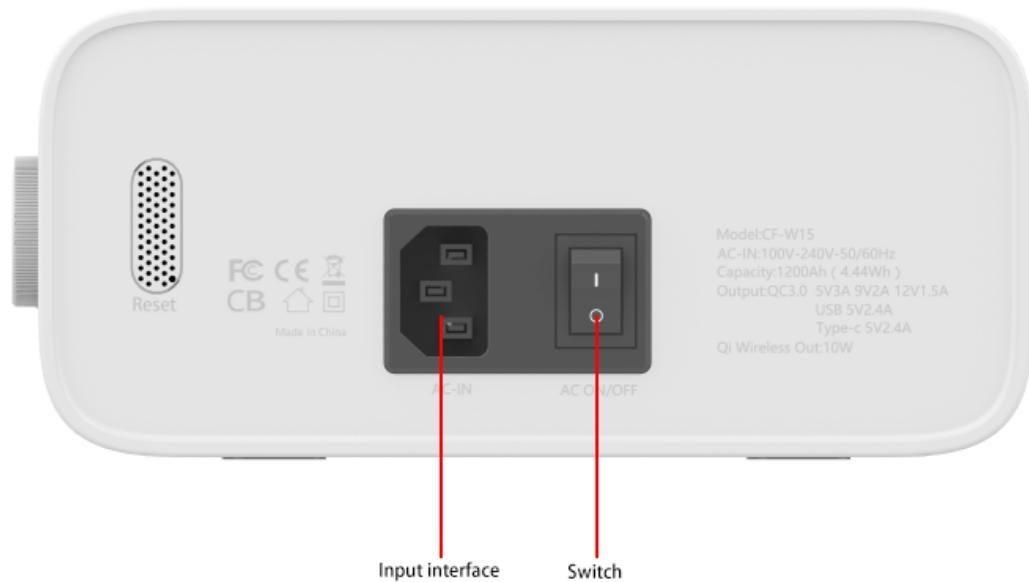
**Warning:** Non-professionals are strictly forbidden to open the product, in order to prevent accidents!

**Tips:** In order to show more brightness and good look of the product, please carefully remove the protective film on the screen before use.

### II. Input Operation

To provide external power for the product, please use the included power cable to connect it to 100V-240V 50/60Hz AC power source, and turn on the ON/OFF switch ( when the " | " on the switch is pressed down). When turning off the ON/OFF switch ( when the "O" on the switch is pressed down), the internal battery provides power to the product.

**Tips:** The ON/OFF switch on the back doesn't control the clock screen brightness. If you want to adjust the clock screen brightness or turn it off, you can use the knob switch. Please see article IV 4.1 for details.



### III. Output Operation

#### 3.1 The Definition of the Output Interfaces

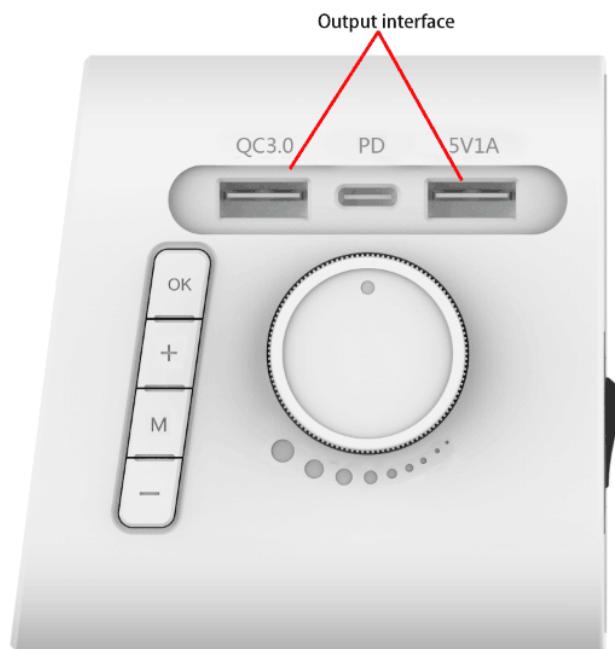
**1) USB-A-QC 3.0:** Supports QC3.0 fast charge protocol,

(5V 3A/9V 2A/12V 1.5A).

**2) Type-C-PD18W:** Supports PD (18W) output

(5V 3A/9V 2A/12V 1.5A).

**3) USB-A-5V1A:** Supports 5V 1A output.



**4) Wireless charging output (10W):** The top of the charging station is

the wireless charging output area.

**5) AC Output:** Two US standard three-pin sockets AC-OUT1 and AC-OUT2 support AC100V-240V 50/60Hz AC output ( the same electrical properties as the AC input ).



### 3.2 Output Operation Guide

#### Two power modes: external and internal

**External AC power mode:** use the included power cable to connect it to 100V-240V 50/60Hz AC power source, and turn on the ON/OFF switch ( when the " | " on the switch is pressed down). When the product enters the external AC power mode, the “Battery Status” indicator  on the screen turns off.

**Internal battery power mode:** When turning off the ON/OFF switch ( when the "O" on the switch is pressed down), the internal battery provides power to the product, and the “Battery Status” indicator  on the screen turns on.

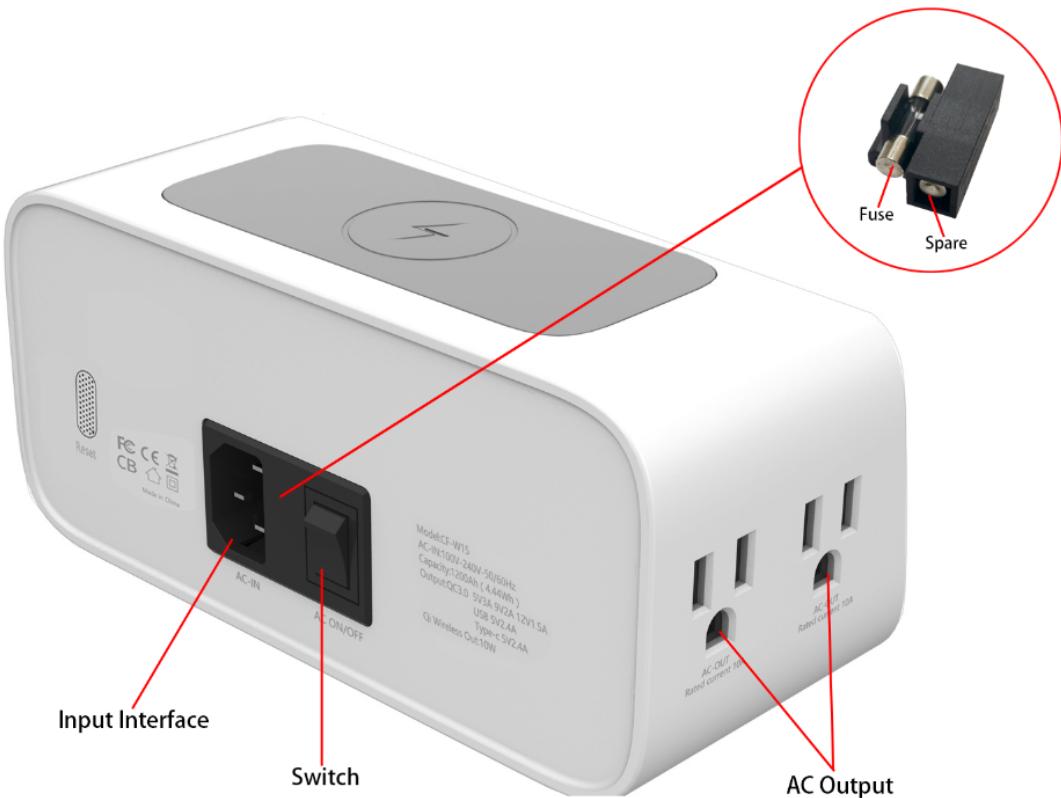
### 3.2.1 USB Output

**External AC power mode:** all 3 ports (USB-A-QC3.0, Type-C-PD-18W, and USB-A-5V1A) are active, and they can charge mobile phones, tablets, digital cameras and other electronics devices. However, when USB-A-QC3.0 and Type-C-PD-18W are used simultaneously, only 5V3A charging is supported, and the combined output power of the two interfaces is 15W. 23W is the max output of USB ports when USB-A-5V1A is used and one of these 2 ports (USB-A-QC3.0, Type-C-PD-18W) is used.

**Internal battery power mode:** when the “OK” key is pressed, among the 3 USB ports, only the USB-A-5V1A port is active, and the other two ports are not active.

### 3.2.2 AC Output

The AC output is active only in **external AC power mode**. Other than the ON/OFF switch, an overcurrent fuse at the three-in-one socket provides extra safety. The fuse allows a current of up to 10A, so that the combined load current connected to the AC expansion ports should be controlled within 10A. As shown in the figure below, the middle of the three-in-one socket is a fuse. When the fuse compartment is pulled out, it can be seen that there is a spare fuse inside. When the working fuse is burned out, the spare one can be used as a replacement.



### 3.3 Wireless Charging

**External AC power mode:** the wireless charger can support 5W, 7.5W, 10W multiple wireless charging methods. When any wireless-charging-capable device is placed on the top of the charging station, the charging starts and wireless indicator  on the screen is turned on .

**Internal battery power mode:** wireless charging supports only 5W. Put a wireless-charging-capable device on the top of the charging station, and then press the “OK” key to activate the wireless charging, and the wireless charging indicator  lights up on the screen.

### IV. Clock, Alarm and Operation

#### 4.1 Button Definition

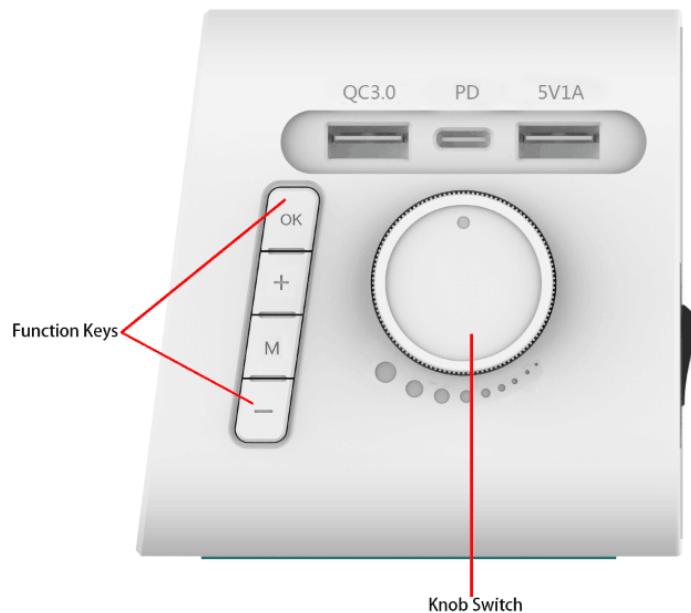
“OK” : Enter

“M” : Mode switching

“+” : Plus

“-” : Minus

Knob switch: Turn the switch clockwise to increase the brightness of the screen, and turn it to the brightest; turn the switch counterclockwise to decrease the brightness, clock screen is completely turned off when you hear the “click” sound.



#### 4.2 How to set up clock and alarms?

Keep pressing the “M” key to enter different setting modes: clock setting (hour, then minute) , alarm-1 setting (hour, then minute) and alarm-1 ON/OFF setting, alarm-2 setting (hour, then minute) , alarm-2

ON/OFF setting. After configuring all the settings, press “OK” key to confirm and to return to the clock display screen.

**Tips:** When you finish setting up the clock and alarm, please press the “OK” key to confirm and exit. The clock and alarm setting changes will not take effect unless the “OK” key is pressed to confirm; Otherwise the setting on screen will blink 20 seconds, then the screen returns back to original clock screen automatically, and no change is made.

### 4.2.1 Clock setting

Press “M” key 1 time, clock hour digit flashes on screen, and you can start setting the clock hour by pressing the “+”, “-” keys to adjust; After setting the correct hour, press “M” key again, then the clock minute digit flashes on screen, and you can start setting the clock minute by pressing the “+”, “-” keys to adjust; After setting the correct hour and minute, press “OK” key to confirm the time setting and return to the clock display screen.

**Tips:** The time is displayed in 12-hour format, with AM/PM for morning/afternoon. While setting the clock hour, keep pressing the “+” key, and AM/PM will automatically switch.

### 4.2.2 Alarm-1 setting

Press “M” key 3 times to start alarm-1 setting: the alarm hour flashes after pressing “M” key 3 times, and press “+”, “-”key to adjust the alarm hour; press “M” key again, the alarm minute flashes, and press “+”,

“-”key to adjust the alarm minute; press “M” key again, the alarm-1 ON/OFF setting  flashes, and press “+” key to switch ON the alarm (ON 、 OFF ); press “OK” key to confirm alarm-1 setting and return to the clock display screen.

**Tips:** When alarm is ON, the indicator  is displayed on screen; and when the alarm is OFF, this indicator  will not be displayed when you return to the clock display screen.

### 4.2.3 Switch OFF Alarm-1

Press “M” key 5 times, the alarm-1 ON/OFF setting  flashes, and press “+” key to switch OFF the alarm-1 (ON 、 OFF ), and then press “OK” key to confirm alarm-1 to be switched OFF and return to the clock display screen.

### 4.2.4 Switch ON Alarm-1

Press “M” key 5 times, the alarm-1 ON/OFF setting  flashes, and press “+” key to switch ON the alarm-1 (ON 、 OFF ), and then press “OK” key to confirm alarm-1 to be switched ON and return to the clock display screen.

### 4.2.5 Alarm-2 setting

Press “M” key 6 times, and the hour of alarm-2 flashes, and the alarm-2 setting method is the same as that of section 4.2.2, 4.2.3 and 4.2.4.

### 4.2.6 How to turn off alarm sound?

When alarm goes off, alarm sound can be heard , press any one of the 4

keys: “**M**” , “**OK**” , “**+**” and “**-**” , and the sound will stop. If no key is pressed, the alarm sound will continue for 20 minutes and then stop automatically . The alarm repeats daily unless it is switched OFF, and none of the alarm indicators (**ON**   , **OFF**  ) will appear on the clock display screen when the alarms are switched OFF.

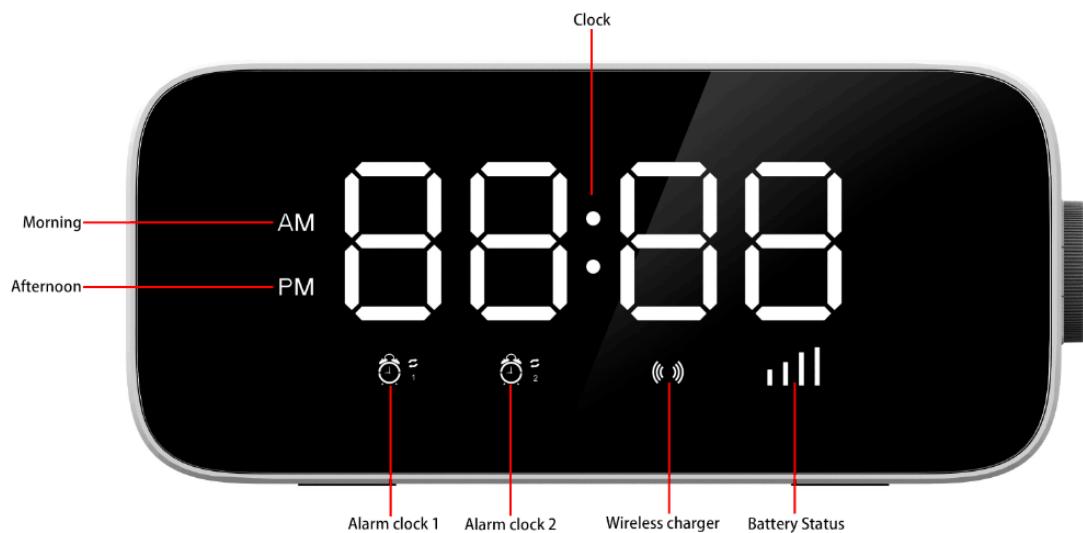
### 4.2.7 Reset the clock and alarm

There is a built-in reset function (factory default setting) in the product, and the Reset button is located in the back panel as shown in the image below, and you can use a sharpened object, such as a toothpick, to reset the clock and alarm. When it is reset, the 2 alarms are OFF and clock time is set to be 12:00AM.



## Clock, Alarm and Operation

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Digital displays: clock, morning, afternoon, alarm clock 1, alarm clock 2, wireless charger, battery status.

## Tips

- This product is to be charged at least once every three months to ensure that the battery is in normal operation, and there is no over-discharge of the battery to damage the battery.
- Keep it dry, and do not expose it to strong sunlight, so as not to affect the service life of the product.
- Do not place this product in water or flames, or in high-voltage appliances or ovens to avoid danger.
- The AC output socket is a strong electrical output interface. Pay special attention to safety when in use. Be careful of electric shock.
- The product is relatively heavy, please do not drop it when using, so as not to damage the outer casing and internal components.
- Keep this product in a safe place, especially when the product is connected to high-voltage AC. Keep it away from children, so as to avoid accidents.
- For your safety, do not disassemble this product yourself.

The following table shows the complete reference for step-by-step setup for the clock and the 2 alarms.

“M” key	Screen Status	“+” key	“-”key	“OK” key
No Operation	Original clock screen	N/A	N/A	To activate wireless and USB-5V1A
Press 1 time	Set clock hour	Increase hour	Decrease hour	Confirm setting and return to original clock screen
Press 2 times	Set clock minute	Increase minute	Decrease minute	Confirm setting and return to original clock screen
Press 3 times	Set alarm-1 hour	Increase hour	Decrease hour	Confirm setting and return to original clock screen
Press 4 times	Set alarm-1 minute	Increase minute	Decrease minute	Confirm setting and return to original clock screen
Press 5 times	Set alarm-1 ON/OFF	ON  OFF 	ON  OFF 	Confirm setting and return to original clock screen
Press 6 times	Set alarm-2 hour	Increase hour	Decrease hour	Confirm setting and return to original clock screen
Press 7 times	Set alarm-2 minute	Increase minute	Decrease minute	Confirm setting and return to original clock screen
Press 8 times	Set alarm-2 ON/OFF	ON  OFF 	ON  OFF 	Confirm setting and return to original clock screen
Press 9 times	Back to clock hour screen	Increase hour	Decrease hour	Confirm setting and return to original clock screen
...	...	...	...	...

## FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **FCC Radiation Exposure Statement**

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. During the operation of device a distance of 15 cm surrounding the device and 20 cm above the top surface of the device must be respected.