PB-50 User Manual

一. Agreement Description:

PB-50 uses Zhirong S621+15W wireless charging, the interface is TYPE-C port, and 1 wireless charging coil. Thereinto:

1) The TYPE-C port supports QC2.0/QC3.0/FCP/AFC/SFCP/PE1.1/PE2.0/PD2.0/PD3.0 fast charging input/output.

2) The wireless charging coil supports 5W/7.5W/15W output.

3) The input supports 5V-3A/9V-2.22A/charging, and the output supports 5V-3.0A/9V-2.22A/ 12V-1.67A.

二. Use the operating instructions

When powered on for the first time, the main control chip S621 does not need to be charged and activated.

Key operation (click button means press the key and release it within one second, double click button means two clicks in one second, long press button means hold the key for more than two seconds)

1) In the standby state after normal activation, clicking the button will turn on the power, and if you don't press the button, TYPE-C can also automatically recognize the boot output.

2) In the state of discharge:

(1) Wireless charging is turned on in the output state, and clicking the button again after the wireless charging is turned on will not have any effect;

(2) Double-clicking the button will turn off the boost and enter the sleep state

三. Display instructions and fast charge management

1) Four white power lights, the power lights are turned off when over-discharged or turned off;

2) The white power light is flashing, which is in the charging state;

3) If the white power lamp is always on, it is in the discharge state at this time;

4) If the green fast charging light is on, it is in the fast charging state at this time;

5) The blue indicator light is always on, which is the wireless charging and discharging state; The blue indicator flashes and the wireless charge is in the state of foreign matter

Every time the system switches between fast charging and normal charging state, in order to ensure the safety of electrical equipment, the system will temporarily turn off the output of all output ports, wait for the voltage 5V/9V/12V switching to complete, and then turn on the output again after stabilization.

1) Single-port plug-in load discharge state (wireless charging is not turned on), C-port discharge supports fast charging output; If the device supports fast charging, the system will automatically switch to the fast charging and discharging state in about 16 seconds.

2) Wireless charging and other output ports output at the same time, or multiple ports output at the same time, the system will automatically switch to 5V output; The multi-port output is judged to be full by the system when the external device at one port is in a full state, regardless of whether the load is removed or not, and the other output port will enter the fast charging state if it supports fast charging.

3) In the charging state, if the charging adapter supports fast charging, the system will automatically turn on the fast charging mode;
In the state of charging and discharging (wireless charging is not turned on), the system defaults to ordinary 5V discharge; When there is only wireless charging output while charging and discharging, if the adapter is a 5V ordinary adapter, the wireless charging output can only be ordinary output.

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.

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

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 a 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.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.