

## Digital power supply case (S12D) assembly instruction

This case is suitable for RD6006/RD6006-W/RD6012/RD6012-W

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Dear users, thank you for purchasing the digital power supply accessory-metal case produced by Hangzhou Ruideng Technology Co., Ltd. In order to let you know more about the full function of this product, get a better experience and avoid misuse. Please read this instruction carefully before assembly. Keep it for future reference.



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## 1. Notes

- Read this instruction carefully before assembly, if you still have question, please contact us.
- This case is made of cold-rolled steel plate and the surface is sprayed. When assembling and using, prevent it from scratching by sharp objects, and avoid direct sunlight and humid environment.
- Avoid short circuit when assembling, connect the electrodes correctly.
- NEVER connect the cables with the power ON.
- Try to avoid vibration and fall.

## 2. Product Dimension



### 3. Accessory List

NAME	SPECIFICATION	QUANTITY	PICTURE
Upper Board	S12D	1	
Lower Board	S12D	1	
Cables	RED : 2 BLACK : 1	3	
Female Banana Socket	M4*36	2	
Rocker switch	KCD3	1	
Non-slip mat	Φ13*4	4	
Mat fixing screws	M3*5*7	4	
case fixing screws	M3*6 flat head white	8	

## 4. Accessory Picture



A: Upper Board	B: Lower Board
C: Non-slip Mats	D: Screws for Non-slip Mats
E: Case Fixing Screws	F: Cables
G: Rocker Switch	H: Female Banana Socket

## 5. Assembly Procedure

### 5.1 Assembly Preparation

- RD series digital power supply\*1, S12D case\*1

- Tools, accessory (DC power supply, screw driver)
- Proper assembly environment

**Note:** The case material is a bit soft and may be slightly deformed during transportation. If there is a gap during the assembly, please straighten it before assemble it.

## 5.2 Assembly Step

1. Check the accessories:

Check if the accessories of S12D are same as accessory list or accessory picture.

2. Install the female banana sockets and switch:

Please put the female banana sockets and rocker switch on the corresponding position of back board, the red female banana socket is positive electrode and the black female banana socket is negative electrode. Screw the fixing screws.



3. Connect cables

Use cables to connect switch and female banana sockets, and tighten with nuts, the wiring is completed, you can see the final connection below:



4. Connect the terminals, you can connect the U-shaped plug directly to the green terminal of RD6012/RD6012-W, and you need to cut off one side of U-shaped plug and connect them to the green terminal of RD6006/RD6006-W.



5. Install the RD power supply: install the power supply on the front, and insert the green terminal to the power supply, and then connect the external temperature sensor.



6. Use 12V/1A DC power source to power on the RD series power supply, check if the connection succeeds (check the wiring before power on)

7. Install the upper board: install the upper board on lower board, and use screws to fix it.



8. There are four Non-slip mats, please use screws to fix them.

