# CASE FOR RD6012

JT-RD6012-Case1



<div style="background:#2a6b7a;color:white;padding:4px">

## 1. GENERAL INFORMATION

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Dear customer,

Thank you for purchasing our product. In the following, we will show you which things should be noted during the use.

Should you encounter any unexpected problems, do not hesitate to contact us.



This case is made for an additional power supply which allows you to connect this lab power supply directly to alternating current.

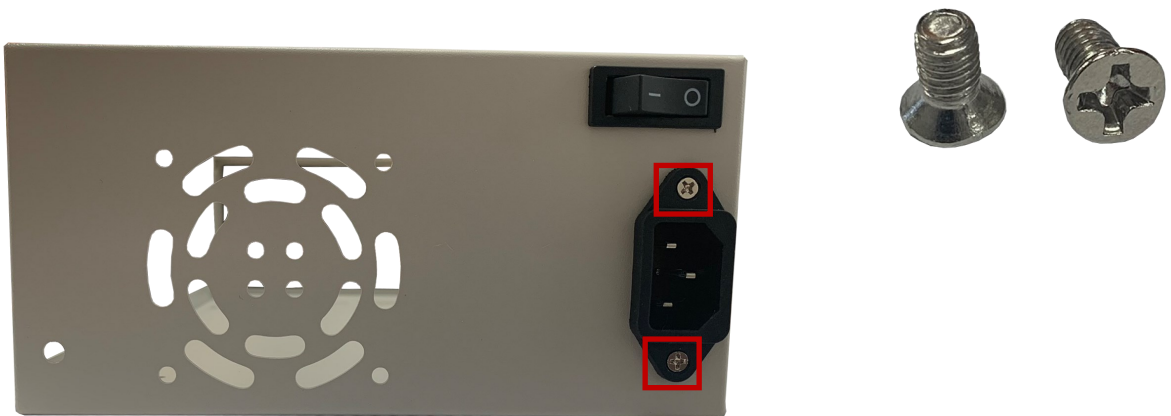Therefore, this safety instruction is necessary:

**For your own safety, this product may only be installed by a qualified electrician! Working on electric devices / systems implies the hazard of electric shocks which may cause serious injuries or even death!**
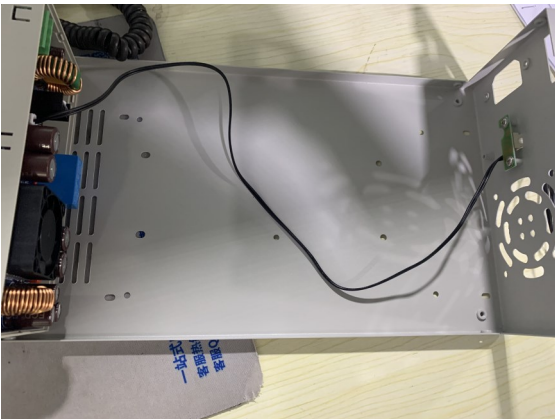
## 2. ASSEMBLY

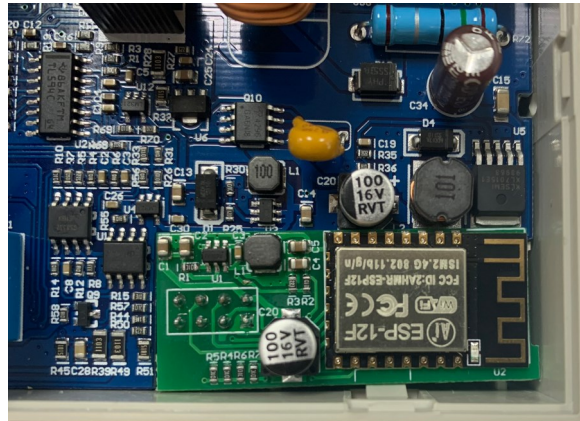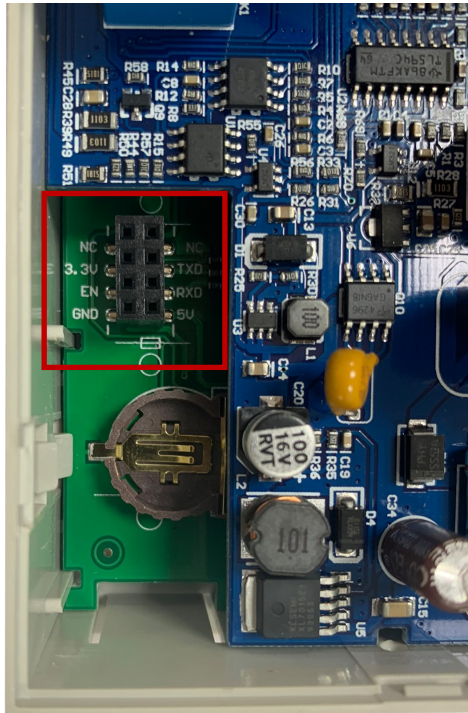1. First of all, unscrew the eight screws from the outside and open up the case



2. Now fix the on and off switch, which gets plugged in, and the power connector which gets screwed in with the small silver screws.



3. Now you can attach the extension of the temperature sensor to get the temperature sensor outside of the case. You can also mount without these if required, which allows you to use an internal instead of an external temperature sensor.
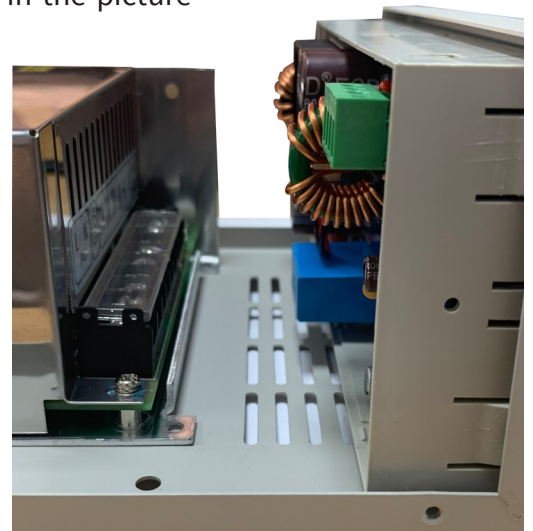
4.    If available, insert the WiFi module in the RD6012.







5.    Now insert the RD6012 into the case.



6.    Place the power supply unit into the case as shown in the picture
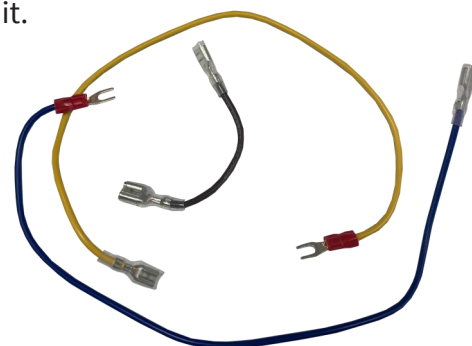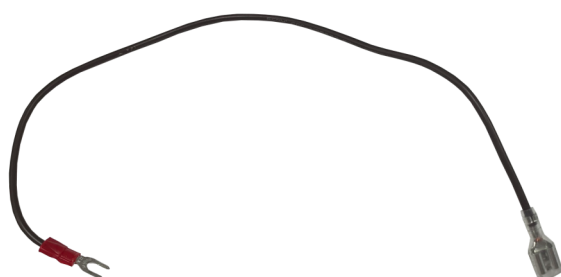      and screw it on from below.

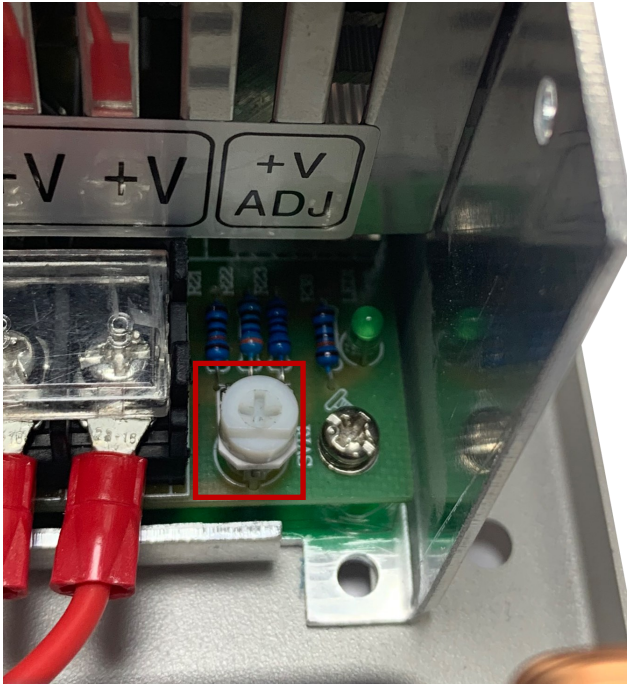7.   Screw the feet of the case tightly with the big silver screws.



8.   Now all you have to do is wire everything inside the case. Start with the power connector. The uppermost pin is connected to the power switch with the short brown cable(phase). The yellow-green cable (grounding) goes directly from the power plug to the power supply unit, where it is connected to the connector which is marked as ground symbol*. The lowest connection is led directly to the power supply unit with the blue cable (neutral conductor) and is connected to N.
The other connector of the switch is connected with the long brown cable to the connector marked as L on the power supply unit.
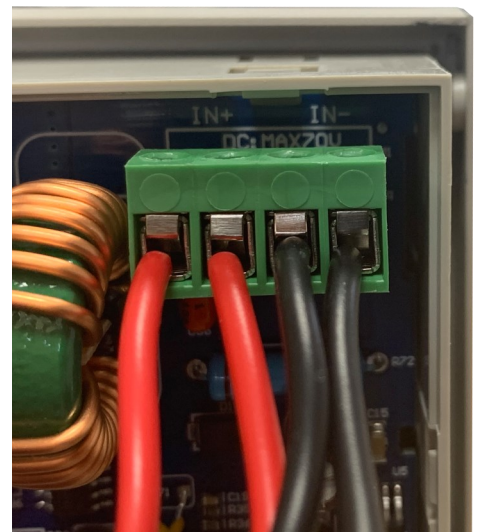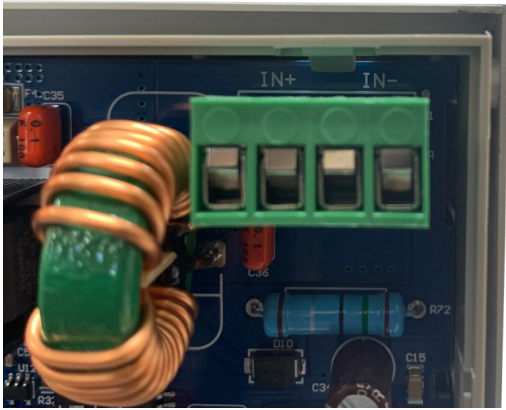
You can configure the output voltage settings on the power supply by using a potentiometer. Ideally, the RD6012 has an input voltage of 65 V so that the full 60 V of output voltage can be realised.
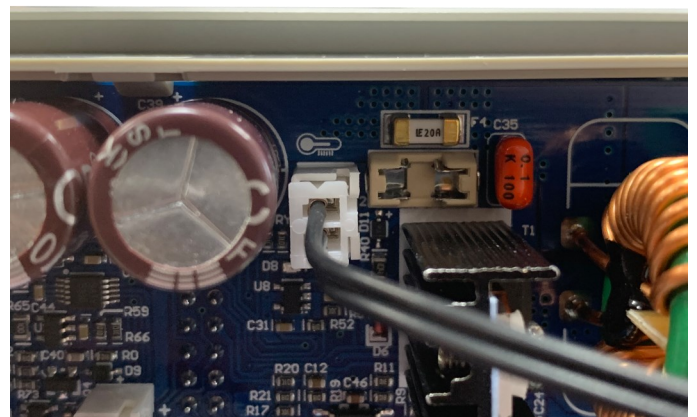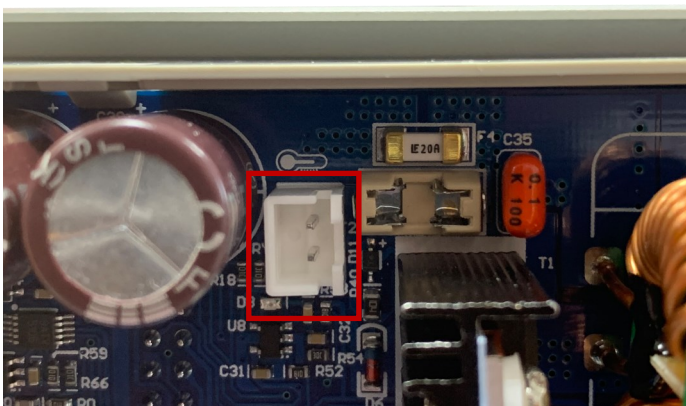


Note the switch on the side of the power supply with which you can set the input voltage. This means that if you have an input voltage of 90 to 132 V AC, slide the switch to 115 V (left) and if you have an input voltage of 180 to 264 V AC, slide the switch to 230 V (right).

9. Now we connect the RD6012 to the power supply. We connect IN+ with the red cable to V+ and IN- with black cable to COM.









10. Finally, either connect the cable for the external temperature sensor and the temperature sensor from the outside at the extension, or you can connect the temperature sensor directly to the RD6012 so that it is inside the case.

11.  Now fix the cover with the eight screws and your RD6012 is ready to use.

## 3. OTHER INFORMATION

Our Information and Take-back Obligations according to the German Electronic Law (ElektroG)

**Symbol on Electrial and Electronic Products:**
This crossed-out bin means that electrical and electronic products do not belong into the household waste. You must hand over your old appliance to a registration place. Before you can hand over the old appliance, you must remove used batteries and replacement batteries which are not enclosed by the device.

**Return Options:**
As the end user, you can hand over your old appliance (which has essentially the same functions as the new one bought with us) free of charge for disposal with the purchase of a new device. Small devices, which do not have outer dimensions bigger than 25 cm can be handed in for disposal independently of the purchase of a new product in normal household quantities.

**1. Possibility of return at our company location during our opening hours**
Simac Electronics Handel GmbH, Pascalstr. 8, D-47506 Neukirchen-Vluyn

**2. Possibility of return nearby**
We will send you a parcel stamp with which you can send us your old appliance free of charge. For this possibility, please contact us via e-mail at service@joy-it.net or via telephone.

**Information about Package:**
Please package your old appliance safe for transport. Should you not have suitable packaging material or you do not want to use your own material, you can contact us and we will send you an appropriate package.

## 4. SUPPORT

If any questions remained open or problems may arise after your purchase,we are available by e-mail, telephone and ticket support system to answer these.

E-Mail: service@joy-it.net
Ticket-system: http://support.joy-it.net
Telephone: +49 (0)2845 98469 – 66 (10 - 17 o'clock)

For further information visit our website:
**www.joy-it.net**