

# LARGE CASE FOR RD6006

JT-RD6006-Case02



## 1. GENERAL INFORMATION

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 available in two versions, version A and B. These versions differ by a lead-out of the temperature sensor, which only version B features.**

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

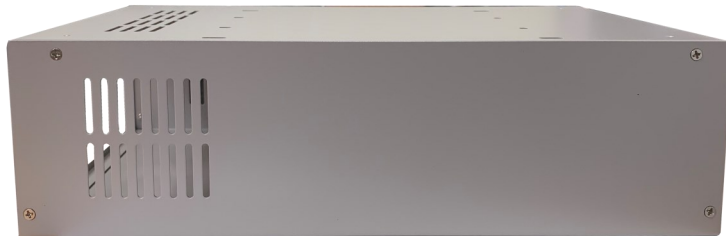


**For your own safety, this product may only be installed by a qualified electrician! Working on electric devices / systems implies the hazard of electric shocks which may cause serious injuries or even death!**

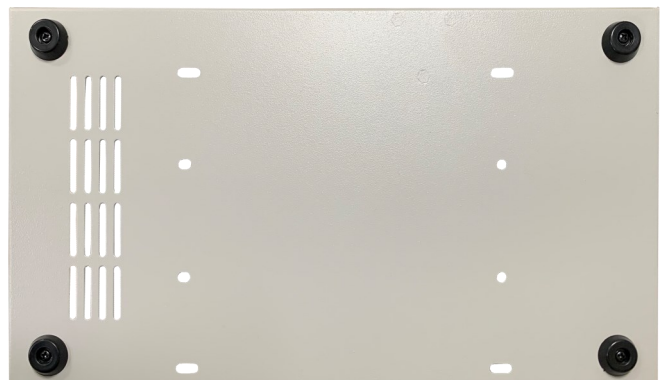
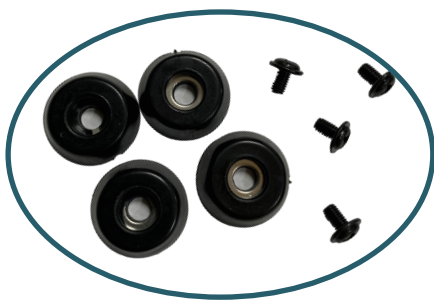
## 2. ASSEMBLY OF VERSION A

This case is made for the JT-RD6006 / JT-RD6006P and the corresponding power supply JT-RD6006-NT. Both products are not included in the scope of delivery.

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



2. Screw the feet onto the case with the black screws.



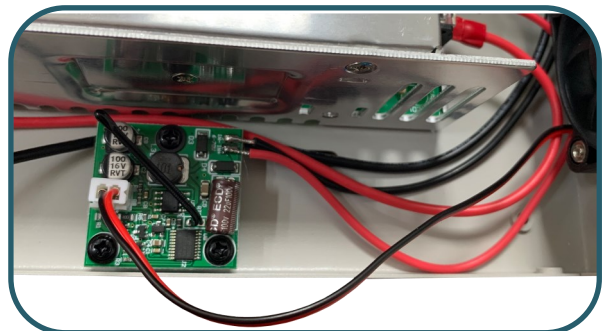
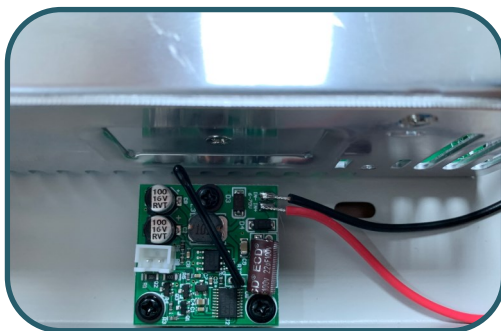
3. Now, insert the switch, the power connector and the fan into the case and screw them tight with the screws and nuts shown below.



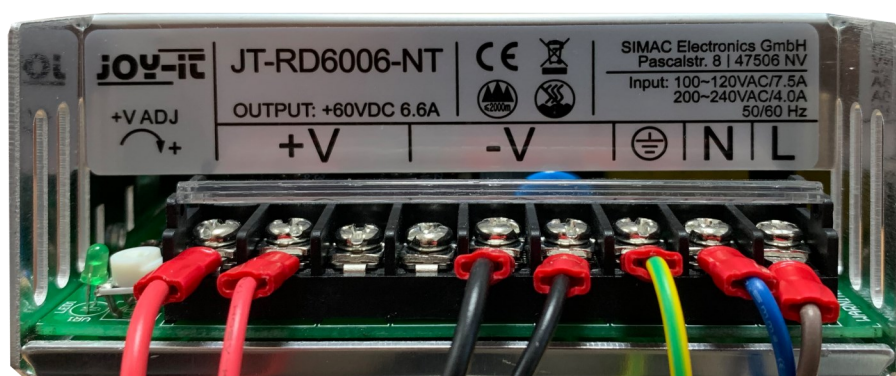
- Now, mount the power supply into the case. Therefore, you have to screw it from the bottom of the case with the big silver screws.



- Now, screw the fan control next to the Power Supply with the remaining black screws and connect the fan to the connector provided for this purpose.



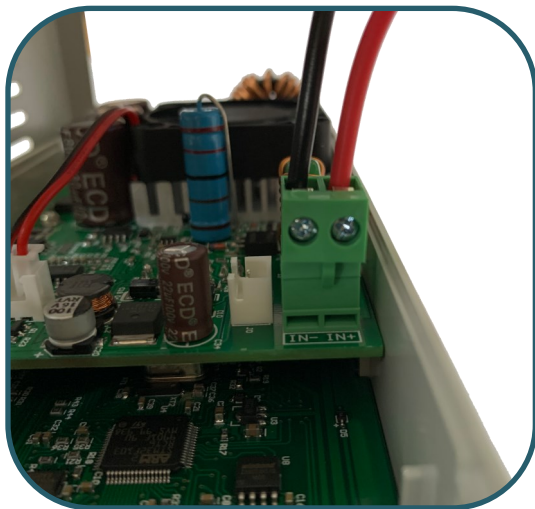
- This is followed by the wiring. You start by wiring the switch. First, connect the short brown cable (phase) to the switch and the bottom connection of the power connector. From the switch, connect another brown cable to the screw terminal of the power supply unit (marked as L). The blue cable is connected from the middle connection of the power connector to the N connection of the power supply unit. The yellow-green cable is connected from the top pin of the power connector to the earth terminal of the power supply unit (marked as  $\oplus$ ).







7. Now, connect the black cables of the fan controller and the RD6006 power supply unit to the V- terminals and the red cables to the V+ terminals.
  
8. Now, you have to connect the last loose cable with the RD6006. Therefore, the black cable will be connected in IN- and red with IN+.



9. The RD6006-NT has a switch with which you can set the input voltage to 110 or 230V.



10. Now screw on the cover and your laboratory power supply unit is ready for use.



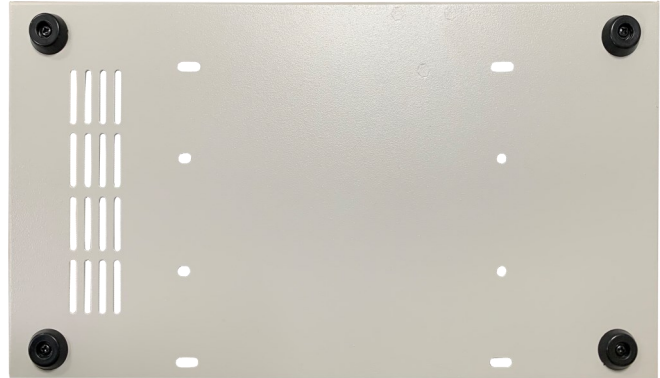
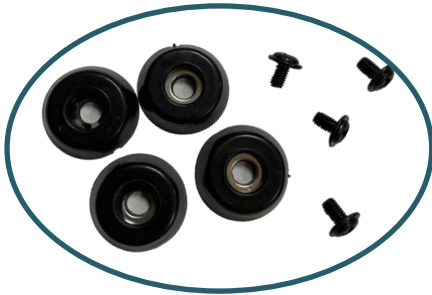
You can adjust the output voltage of the RD6006-NT with the help of the fine-tuning potentiometer. You can see your adjustment at the input voltage of your RD6006 / RD6006P. Ideally, the RD6006 / RD6006P has an input voltage of 65 V to be able to reach the complete 60 V.



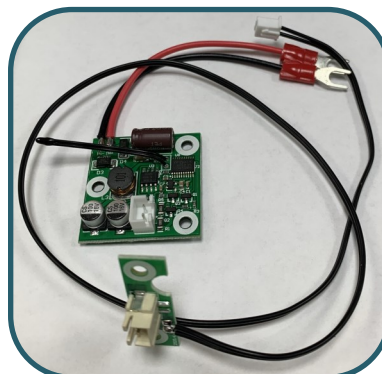
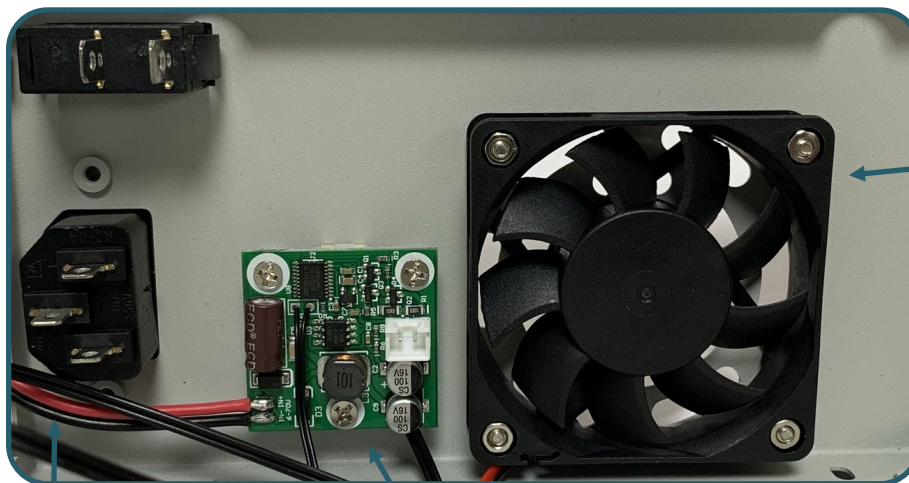
### 3. ASSEMBLY OF VERSION B

This case is made for the JT-RD6006 / JT-RD6006P and the related power supply JT-RD6006-NT. Both products are not included in the scope of delivery.

1. Screw the feet onto the case with the black screws.



2. Now, place the switch, the power connector, the fan control and the fan in the enclosure and screw them in place with the silver screws and nuts, if necessary. Place the temperature sensor board on the back of the fan control and screw them both into the enclosure together.

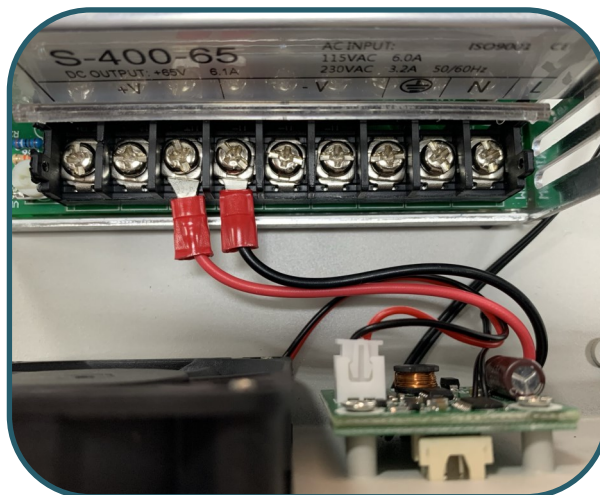




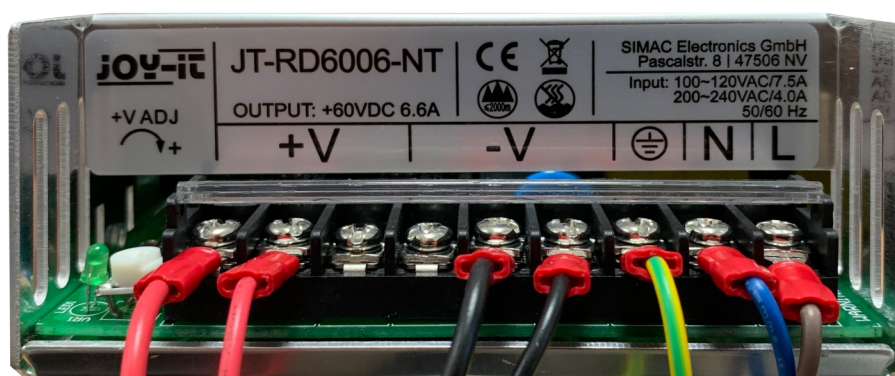
- Now, mount the power supply into the case. Therefore, you have to screw it from the bottom of the case with the big silver screws.

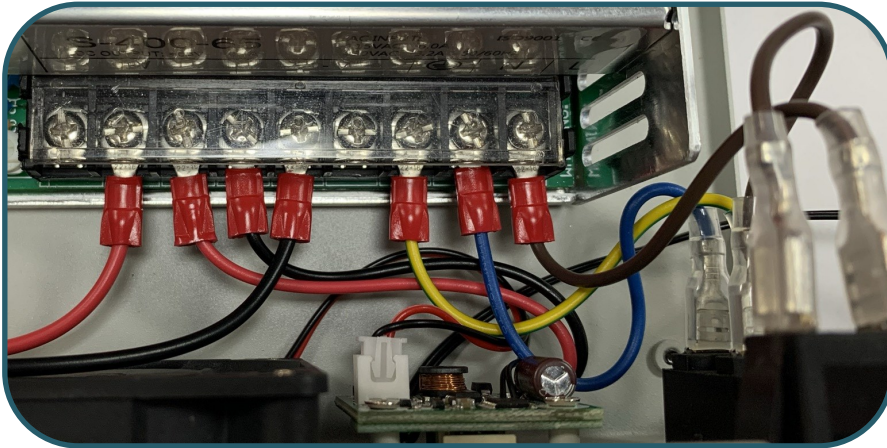


- Now, connect the fan to the fan controller and the fan controller to the power supply. Therefore, connect the black cable of the fan control to the power supply with one of the anticipated terminals V- and the red cable with one of the V+ terminals.

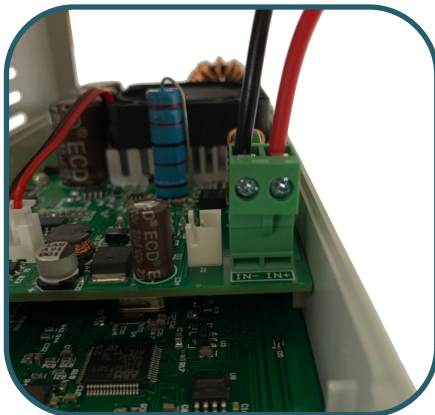


- The rest of the wiring follows. You start by wiring the switch. First, connect the short brown cable (phase) to the switch and the bottom connection of the power connector. From the switch, connect another brown cable to the screw terminal of the power supply unit (marked as L). The blue cable is connected from the middle connection of the power connection to the N connection of the power supply unit. The yellow-green cable is connected from the middle pin of the power connector to the earth terminal of the power supply unit (marked as  $\oplus$  ).

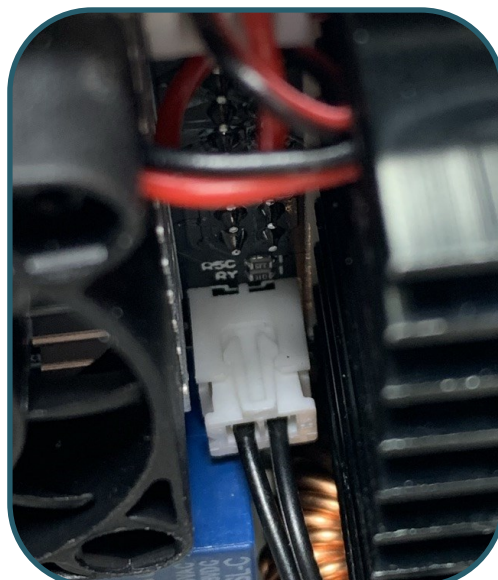




6. Now, you have to connect the last loose cables with the RD6006 and the power supply. Therefore, the black cable will be connected between IN- on the RD6006 and V- on the power supply and the red cable between IN+ on the RD6006 and V+ on the power supply.



7. You can also connect the connector from the temperature sensor lead-out if you want to lead the temperature sensor outside of the case. Otherwise, connect the temperature sensor now to the RD6006 / RD6006P.





- The RD6006-NT has a switch with which you can set the input voltage to 110 or 230V.



- Now, screw on the cover and your laboratory power supply unit is ready for use.



You can adjust the output voltage of the RD6006-NT with the help of the fine-tuning potentiometer. You can see your adjustment at the input voltage of your RD6006 / RD6006P. Ideally, the RD6006 / RD6006P has an input voltage of 65 V to be able to reach the complete 60 V.



## 4. OTHER INFORMATION

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

### Symbol on Electrical and Electronic Pro-



### ducts:

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 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](mailto: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.

## 5. 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](mailto:service@joy-it.net)

Ticket-system: <http://support.joy-it.net>

Telephone: +49 (0)2845 9360 – 50 (10 - 17 o'clock)

For further information visit our website:

[www.joy-it.net](http://www.joy-it.net)