



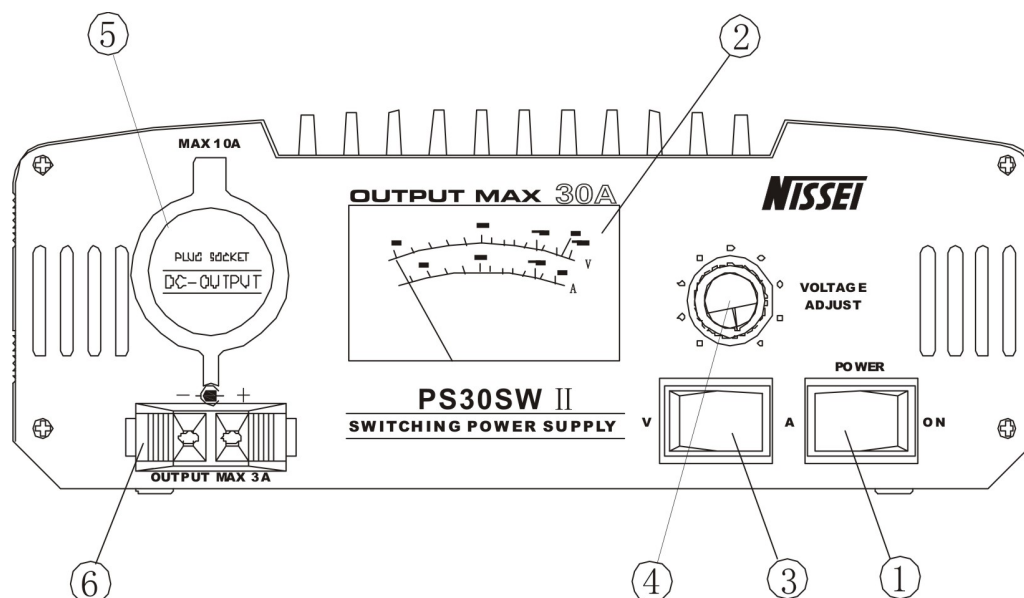
**Instruction manual  
For**

**Model PS30SW II  
DC Switching Power Supply**

## Product Introduction

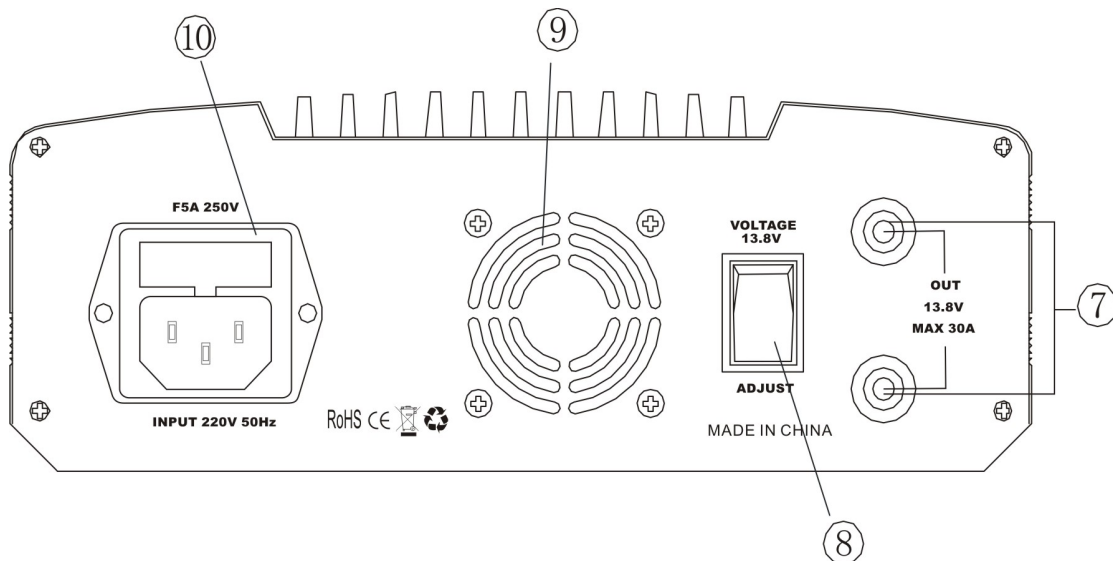
**PS30SW II Switching Power Supply** is designed for radio amateurs. It is composed with a low ripple switching circuit which can perform like a linear power supply. It is small, light, portable, and efficient.

## Front panel

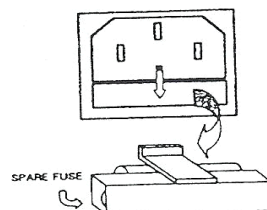


1. Power ON/OFF
2. Display indicator
3. Meter display switch : "V" display voltage, "A" display current
4. Voltage adjust : 9-15V variable
5. Cigarette plug : Used when current < 10A
6. Output terminal (2<sup>nd</sup>) : Used when current < 3A

## Rear panel



7. Output terminal: Red connect '+', Black connect '-'. Current cannot exceed 30A
8. Voltage fix/adjust knob : At "13.8V" position, output fix at 13.8V. No. 4's voltage adjust knob does not function. At "ADJUST" position, No. 4's voltage adjust knob is 9-15V variable.
9. Cooling fan
10. Fuse : Refer to the following drawing when replace fuse.. Use F5A250V Instead of other.



## Specifications

|                             |                                             |
|-----------------------------|---------------------------------------------|
| 1. Input voltage            | 220VAC $\pm 10\%$ 50Hz                      |
| 2. Output voltage           | 13.8V or 9-15V variable                     |
| 3. Output voltage tolerance | < 2%                                        |
| 4. Output current           | 25A continue, 30A Max.                      |
| 5. Output ripple/noise      | < 80mVp-p                                   |
| 6. Protection               | Overload, Short-circuit                     |
| 7. Fuse                     | F5A250V                                     |
| 8. Display indicator        | Display voltage or current                  |
| 9. Dimension                | 190 (W) $\times$ 70 (H) $\times$ 215 (L) mm |
| 10. Weight                  | 2.3Kg                                       |

## Attention

1. This product should be put at a dry place with good ventilation.  
Don't put any fraise in front of the cooling fan within 30cm.
2. Turn off the power supply during hookup.
3. About the cable connection, please check the polarity and tighten the terminal, otherwise the terminal maybe damaged by large current.
4. Don't connect any load > 10A with Cigarette plug.
5. Don't connect any load > 3A with Testing output terminal.
6. Don't connect this power supply to battery or low resistance load direct
7. When overload protection or short-circuit protection are caused, please cut of the power at once, then make an analysis. You should reset it when the fault is clear.
8. Make sure to use the designated spec when replace the fuse.
9. Don't open the bottom chassis as its high voltage inside
10. When something goes wrong, please consign the professional or local dealers for mending.