

SWITCHING MODE POWER SUPPLY  
**KPO KPS-350 II**  
MANUAL



**Thank you for purchasing this switching mode power supply.  
This Manual contains important Safety and application notes.  
Please read these instructions prior to first use carefully and keep it for  
future reference.**

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**KBC IMPORT / EXPORT**

## **INTRODUCTION/SAFETY INFORMATION**

Thank you for purchasing the Switching Mode Power Supply.  
This instruction contains important Safety and application notes.  
Please read this instruction carefully.

Purpose: can be connected to CB radios, receivers and other devices. (Can not be used as a charger)

The length of the power cord must be less than 3m and the cross section of the power cord must afford the sufficient current.

### Safety information

- Please don't remove the case. The voltage inside will be harmful to your safety. If the unit is damaged, please contact with your dealer. Only the professional technician can supply you with repair services.
- Unauthorized repairs and modifications to the power supply can lead to healthy risk for you. When there are some unusual operating conditions such as strange noise, murmur and etc, the power supply can not continue working.
- We strongly suggest that repairs and modifications must be performed only by qualified personnel.
- Plug this power supply only into a 230VAC/50Hz socket.
- Please use on/off switch to turn off the power supply. Don't pull the plug out of the socket directly when the power supply is still switched on.
- Be more careful and cautiously with the power supply. It is dangerous to damage the power supply.
- Don't touch the power supply with wet hands and wet wipes.
- Use this power supply only indoor. An outdoor usage will be prohibited.
- Make sure a sufficient supply of air from all sides. Especially do not cover the air vent or the fan with other objects. Do not place objects on the upper side of the power supply. Maintain a safe distance from the wall.
- The housing of the power supply may become hot during use.
- The power supply has an integrative protection against overload.
- The DC output terminal has short circuit protection. As long as short circuit occurs by the user, please turn off the power supply and take it away. Don't use it again in a short time.
- Connect a load to the correct polarity.
- Do not use this power supply to charge a car. Don't connect the power supply to other devices which may cause overload. (Please read the technical data before connecting this unit to other devices)
- Before replacing a fuse, please turn off the power supply first, and then pull the AC cord out of the power supply.

## **INTRODUCTION/SAFETY INFORMATION**

- Never leave small objects or liquids inside the connected power supply
- Clean the power supply only with dry cloth. Before cleaning, please disconnect it from the power source.
- If you don't use the cigarette lighter socket on the front of the power supply, please close the cover bush for protection.
- Place the power supply away from direct sunlight.
- Place the power supply away from dirt, humidity, fire, explosive or corrosive substances.
- Never leave the power supply within a child's reach.
- Make sure that your pets will never touch the power supply.

Not suitable for Halogen lights systems.

This power supply is used for mobile radios.

Never use this power supply in the absence of somebody.

More information, Please email at [INFO@K-PO.COM](mailto:INFO@K-PO.COM)

## Front View / Control



1. ON/ OFF switch:

With this button you switch power supply (ON) and off (OFF).

2. Red positive, Black negative

Max. 3 amps

3. Digital display (volts / amps)

Shows you precise voltage (V) and current (A)

4. Cooling fans

5. Voltage adjustment

Adjusts voltage between 9.0 to 15.0 Volts. Turn clockwise to increase and counter clockwise to decrease the voltage. When it is set at the center position , it will supply 13.8 volts.

6. Noise Off-Set knob

Adjust to eliminate the pulse noise of the switching circuit. This patent pending function is specially designed for communication use. (It's effectiveness may vary depending on the frequency and mode.)

## Rear View / Operation



**A.** AC power socket 220V 50Hz

**B.** 5 amp fuse

If you want to replace the fuse again: Please open only when the power supply is turned off and the AC power cord is disconnected.

**C.** Fan

**D.** Output voltage regulation

**E.** DC power jacks

For the connection of loads up to max. 30 amps. Red (+) / Black (-)

### **Specifications**

Operating voltage: 220-230VAC / 50-60 Hz

Output Voltage: 13.8 V DC fixed voltage

Output voltage regulation: <2%

Security: Short circuit protection, overload protection, automatic current limiting upward from about 28A

Output current: 25 A constant / max. 30 A short time

Ripple: less than 80mVp-p at rated load

Meter: Analog display of voltage (V) or current (A)

Dimensions (WxHxD) 190 x 69 x 181 (mm)

Weight: 2.3 Kg

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