

- 2.1.1.Power switch: turn on the switch then the power supply works.
- 2.1.2.Output fuse: protect output from overloading, and it can be reset.
- 2.1.3.Voltage output adjusting knob: adjust the output voltage continuously from 0~260V.
- 2.1.4.Input fuse: protect input from overloading.
- 2.1.5.Display: indicating output current and voltage by LED.
- 2.1.6.Output terminal (outlet):connecting the terminal of AC load.
- 2.1.7.Output terminal (safety socket): connecting the terminal of AC load.

2.2 Operating

- 2.2.1 First connect the load to the power supply. After the unit is switched on, output voltage and current will be indicated by LED.
- 2.2.2 Turning the output voltage adjustment knob to adjust the voltage.
- 2.2.3 The outlet and safety socket can be used at the same time within the rated power.
- 2.2.4 If the input overloading protection fuse works, check the input source whether it is overload or other problems, then solve the problem and replace the input fuse before use the power supply again. If the output overloading protection fuse works, check the load whether it is overload or other problems, then solve the problem and press the red button before use the power supply again.

3. Caution

When operating is finished, put it in a dry place of good ventilation, and keep it clean. If it is not in use for a long period, pull off the power supply plug for storage. For maintenance, input voltage must be cut off.

4. Accessories

User's Manual	1
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M10-AC250-1

AC POWER SUPPLY

Shanghai MCP Corp.

Safety Precautions

This product complies with the requirements of the following European Community Directives: 2004/108/EG (Electromagnetic Compatibility) and 2006/95/EG (Low Voltage) and CE Marked.

To ensure safe operation of the equipment and eliminate the danger of serious injury due to short-circuits (arcing), the following safety precautions must be observed.

Damages resulting from failure to observe these safety precautions are exempt from any legal claims whatever.

- *Do not use this instrument for high-energy industrial installation measurement.
- *Do not place the equipment on damp or wet surfaces.
- *Replace a defective fuse only with a fuse of the original rating. Never short-circuit fuse or fuse holding.
- *Check test leads and probes for faulty insulation or bare wires before connection to the equipment.
- *To avoid electric shock, do not operate this product in wet or damp conditions. Conduct measuring works only in dry clothing and rubber shoes, i.e. on isolating mats.
- *Never touch the tips of the test leads or probe.
- *Comply with the warning labels and other info on the equipment.
- *The measurement instrument is not to be operated unattended.
- *Do not subject the equipment to direct sunlight or extreme temperatures, humidity or dampness.
- *Do not subject the equipment to shocks or strong vibrations.
- *Do not operate the equipment near strong magnetic fields (motors, transformers etc.).
- *Keep hot soldering irons or guns away from the equipment.
- *Allow the equipment to stabilize at room temperature before taking up measurement (important for exact measurements).
- *Use caution when working with voltages above 35V DC or 25V AC. These voltages pose shock hazard.
- *Periodically wipe the cabinet with a damp cloth and mild detergent. Do not use abrasives or solvents.
- *The meter is suitable for indoor use only.
- *Do not operate the meter before the cabinet has been closed and screwed safely as terminal can carry voltage.
- *Do not store the meter in a place of explosive, inflammable substances.
- *Do not modify the equipment in any way
- *Do not place the equipment face-down on any table or work bench to prevent damaging the controls at the front.
- *Opening the equipment and service and repair work must only be performed by qualified service personnel
- ***Measuring instruments don't belong to children hands.**

Cleaning the cabinet

Clean only with a damp, soft cloth and a commercially available mild household cleanser. Ensure that no water gets inside the equipment to prevent possible shorts and damage to the equipment.

The model M10-AC250-1 is a voltage adjustable AC power supply. Output voltage is continuously adjustable.

The unit is in small size, good performance and novel appearance. It is an ideal power supply unit for school.

1. Specifications

- 1.1 Input Voltage: 230(220)VAC
- 1.2 Output Voltage: 0~260VAC
- 1.3 Output Current: Max. 5A
- 1.4 Output Power: Max. 1300VA
- 1.5 Display Accuracy: Voltmeter $\pm(2.5\%Rdg+2digits)$
Ammeter $\pm(2.5\%Rdg+2digits)$
- 1.6 Protection: Over current
- 1.7 Dimension (W×H×D): 260×160×340 mm
- 1.8 Weight: 17kg

2. Operation

2.1 Controls and description of front-panel

