

- 2.2.1. Power switch: press then the power is ON
- 2.2.2. Smoothing switch: press then the power supply output the smoothed DC
- 2.2.3. Output terminal (+): connecting the terminal of DC positive load
- 2.2.4. Output terminal (-): connecting the terminal of DC negative load
- 2.2.5. Case ground: connecting the case to ground
- 2.2.6. Output terminal: connecting the terminal of AC load
- 2.2.7. Output terminal: connecting the terminal of AC load
- 2.2.8. AC or DC switch: Switching the AC or DC amp display
- 2.2.9. Amp display: indicating output current by LED
- 2.2.10. Volt display: indicating output voltage by LED (both DC and AC)
- 2.2.11. Voltage adjustment: adjusting the output voltage (both DC and AC)
- 2.2.12 Fuse holder for the output: recover the output when the power supply stops to output because of overload.

2.2 Operating method

- 2.2.1 First connecting 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 to adjust the voltage.
- 2.2.3 Using the AC or DC switch to choose the AC current or the DC current.
- 2.2.4 Pressing on the smoothing switch to get the smoothed DC. When DC is smoothed, the voltage will be higher than the voltmeter's value.

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-AD360 SERIES

AC&DC 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-AD360 series is AC&DC power supply, with its adjustable voltage output (both AC and DC). The DC is only rectified. Output voltage is continuously adjustable.

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

1. Specifications

- 1.1 Input Voltage: 110~127VAC \pm 10%/220~240VAC \pm 10%
- 1.2 Output Voltage: see table
- 1.3 Output Current: see table
- 1.4 Output Power: Max. 60VA (M10-AD360-2)
Max. 150VA (M10-AD360-5)
- 1.5 Display Accuracy: Voltmeter \pm (2.5% Rdg+2digits)
Ammeter \pm (2.5% Rdg+2digits)
- 1.6 Protection: Over current

Model	Output voltage	Output Current	Dimension(W×H×D)	Weight(kg)
M10-AD360-2	0~30V	2A	260×160×260mm	5kg
M10-AD360-5	0~30V	5A	260×160×260mm	7kg

2. Operation

2.1 Controls and description of front-panel

