



SKU:200624/200625

#### Product Parameters:

**Input Voltage:** AC 110-220V  $\pm$  15%

**Output:** DC 0-24V 20A

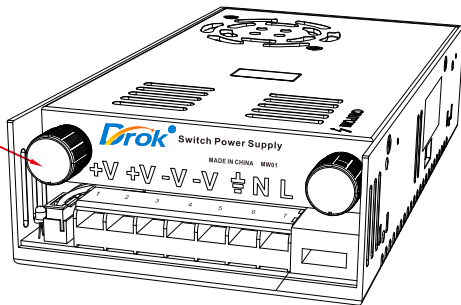
DC 0-48V 10A

**Rated Power:** 480W

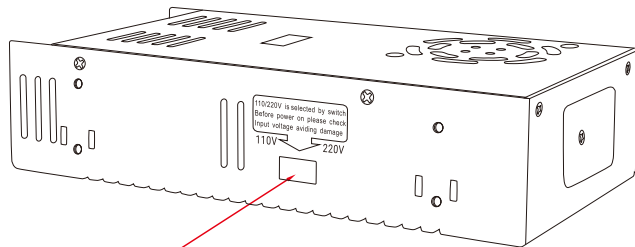
**Product Dimension:** 215\*115\*50mm (L\*W\*H)

#### Wiring Instructions:

DC 0-48V / 0-24V Adjustable



**V+:** DC output +    **V-:** DC output -    **≡:** Ground    **N:** Null wire    **L:** Live wire



110V / 220V optional, default 220V,  
please check input voltage before powering on to prevent from damage.

#### Instructions for use:

The current is not adjustable and max current is 10A. The actual current is up to your load. This power converter will work for any devices below 10A but will not work for any devices above 10A.

With intelligent temperature control cooling fan, it will operate automatically when this power converter need to cool and stop when no need to cool.



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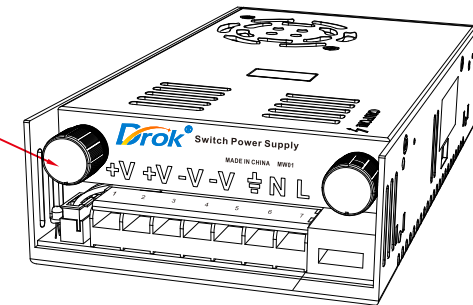
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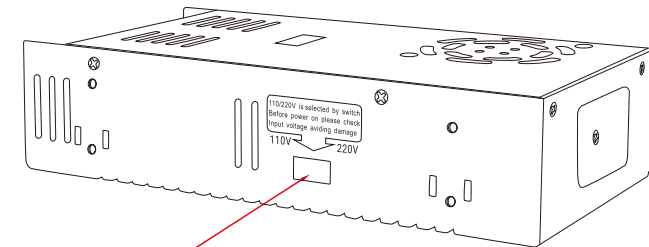
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**No-Load Adjusting Current:**

1. In case of power off, pull the switch at the left corner to the current regulating gear.
2. Pull out the special current regulator socket and connect to port 2 and 3 of the connection port, loosen the port screw with a screwdriver, and tighten with a screwdriver. Then turn on AC supply, the voltage display shows 0.00V, the current shows the current parameters and the power supply will make a small squeaking sound of the current.
3. You can adjust the right side knob to the desired current-limiting parameters.
4. Remove special current regulator socket and insert it back into the original card socket. After removal, the digital display table shows a voltage of about 0.90V and a current of 0.00A.
5. Pull the switch in the left corner to the right and to the ON position.
6. Now the power supply is in the parameter value of the current limit just now. No matter how many voltage the power supply is adjusted (the digital display shows the output voltage in real time), the current does not change. When the current reaches 95% of the current limit parameter, the voltage will be lowered and overload protection will start.
7. The displaying current parameter is the current value of the device load, which can be used to monitor the load current in real time. When connected to a load device, the current value can be adjusted directly and in real time. The displaying current value is the current value of the load device. If adjust the current adjusting knob clockwise exceeds the current value of the device, the current value will not be continuously displayed in real time, only the current value of the device will be displayed.

**Special Note:**

If use motor, fan and other inductive load, please pay attention to the load's maximum starting current parameter. This parameter shall not be higher than the power supply's max. current. Otherwise it may damage the power supply. Or allocate the soft starting protection circuit for the load to absorb the impact current.

**Applications:**

Mainly used for a variety of DC equipment, DC motor stepless speed regulation, LED stepless dimming, chemical electrolysis and plating speed regulation, research and testing, student experiments and it also works for LED light and etc.

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