



YIHUA 605D DC power supply



Input voltage: 110V/220V/230V/240V

Product weight: 6.1kg/pcs

Size: 25.5*13*15cm

Product Details

605D communication maintenance power supply is a single line output of stabilized high accuracy DC stabilized power supply. The output voltage and current can be adjusted continuously within the rated range. Double digital display shows output voltage

and current independently. Several protection functions include current limitation, voltage reduction, short circuit protection, over-temperature protection, etc. The design is applied to production line of the plant, maintenance, laboratories and is also a necessary device for the communication industry.

Product parameters

Machine parameters	
rated voltage	AC220V 50Hz
Power of complete machine	380W
Operating environment	0~40°C relative humidity <80%
Storage Temperature	-20~80°C relative humidity <80%
Dimensions	255*130*150mm
weight	6.1KG
Specifications	
output voltage	Adjustable continuously within 0~60V
output current	Adjustable continuously within 0~5A (current limitation adjustment when above 0.2A)
output power	300W
Source effect	1mV
load effect	≤0.33%
Ripple noise	≤3mVrms (5Hz ~ 1MHz) / ≤3mArms
Display accuracy	0.1V/0.1A/1mA
Protection mode	Over-current, short circuit, over-temperature protection
Dissipation mode	air cooling

Principle description of constant voltage/constant current CV/CC

The operation mode of constant voltage/constant current can be automatically switched depending on the comparison result of the load current and limited current value.

a) Constant voltage CV

When the existing current value is smaller than the set output limit current value, the power supply is working under the constant voltage mode. The CV indicator light on the front panel is on, the output voltage is controlled and it will be the same as the set value. Current changes with the load.

b) Constant current mode (CC)

When the current value exceeds the limit value of the output current, the equipment will work in the CC mode. The CC indicator light on the front panel is on, the output current value is

controlled to the set value. Since the limited output power cannot be overloaded, the output voltage can be lower than the set value. When the output current is lower than the set value, the equipment will automatically change to CC mode.

