

# DC Stabilized Switch Mode Power Supply 0-60V/0-20A

Model:LW-6020KD



## Features:

- Single phase, single output dc power supply.
- Constant voltage and constant current operation (C.C and C.V. automatic conversion).
- Both current and voltage can be adjusted from 0 to rated value.
- 3LED digital display.
- Built-in EMI filter (have anti-interference circuit).
- Intelligent temperature control fan to help power supply cooling fast.

## Specifications:

- Input Voltage: single-phase 220V $\pm$ 10% 50Hz or 110V $\pm$ 10% 60Hz
- Working Conditions: -10°C -40°C relative humidity :< 90%
- Storage Conditions: -20°C-80°C relative humidity :< 80%
- Output Voltage: 0-60V
- Output Current: 0-20A
- Display Accuracy:  $\pm$ 1% $\pm$ 1 digit
- Voltage Stabilization:  $\leq$ 0.2%
- Current Stabilization:  $\leq$ 0.5%
- Load Stabilization:  $\leq$ 0.3%
- Ripples and Noises:  $\leq$ 1 % (RMS)
- Surge Current: 30A/115V, 60A/230V (cold-start)
- Input Leakage Current: <0.7mA/230V
- Withstanding Voltage test:
  - From Input Voltage to Output Voltage: 1.5KVAC/min
  - From Input Voltage to Case: 1.5KVAC/min
  - From Output Voltage to Case: 500VAC/min

### **Protection Function:**

- Over voltage protection
- Over load protection
- Over temperature protection (threshold value:70°C -75°C)
- Current limitation protection

### **Applications:**

- Charge batteries, PCB board manufacturing industry
- LED products, motors and dc fans test, Electro facing, electrolyzation, electronic components ageing Laboratory, Electronic equipment, Automatic Test Equipment all other occasions need to use DC Power Supply.

*Made in China*