Thank you for purchasing use hard switching power supply series products. In order to make you better use this product, please read the instructions carefully before use, and properly kept.

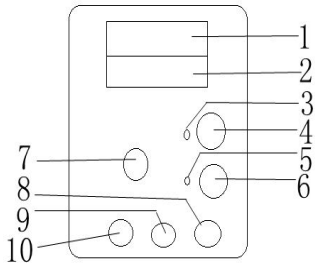
1. Summarize

LW series power supply for high efficiency switching power supply, it has the load capability is strong, continuous working failure rate is low, and had a warm, overload, current limiting and various protective functions. Can be regulated power supply using also can be used for current, voltage regulator, steady flow can be automatic conversion. Is a research, colleges and universities, the factory products such as the preferred power. Specific model parameters are shown in table 1.

LW Series switching power supply

Model	Output Voltage	Output Current	Display	Display Accuracy
LW-K1510D	0-15V	0-10A	LED Digit Display	±1%±1
LW-K303D	0-30V	0-3A	LED Digit Display	±1%±1
LW-K305D	0-30V	0-5A	LED Digit Display	±1%±1
LW-K3010D	0-30V	0-10A	LED Digit Display	±1%±1
LW-K602D	0-60V	0-2A	LED Digit Display	±1%±1
LW-K603D	0-60V	0-3A	LED Digit Display	±1%±1
LW-K605D	0-30V	0-5A	LED Digit Display	±1%±1
LW-K1002D	0-100V	0-2A	LED Digit Display	±1%±1
LW-K1003D	0-100V	0-3A	LED Digit Display	±1%±1
LW-K1502D	0-150V	0-2A	LED Digit Display	±1%±1

2. Panel features and specification



2-1Panel features

(1)Voltage display (2)Current display (3)Voltage indicator (4)Voltage settings (5)Current indicator (6)Current setting (7)Power switch (8)The positive output (9)Earth output (10)Negative output

2-2 Nominal working conditions

1.input voltage：AC220V±10% 50Hz（AC110V，60HZcan be customized）

2.work environment：temperature：-10℃-40℃ relative humidity：<80%

3.Storage Conditions：temperature：-20℃-80℃ relative humidity：<70%

2-3The power output parameters

Output parameters

Model	Voltage stability	current stability	Load regulation	Ripple And Noise
LW Series	≤0.2%	≤0.8%	≤0.2%	≤0.1%

3. Instructions

3-1 Preparation prior to power：

（1）Confirm that the input voltage in the range of nominal (AC198-242 v, 50 hz). AC110V 60 hz input there will be a special label to facilitate heat dissipation。

（2） power supply should have at least 10 cm above the heat dissipation space around, working environment temperature is not higher than 40 ℃, humidity < 80%, cannot be used in acid gas, where excessive amounts of dust. To prevent the rain, sun, violent vibration.

3-2 Operational approach：

（1）operational approach

（2）Puts the power "ON" position, indicating lights, LED display.

（3）Voltage Settings: 6 to adjust the steady flow knob clockwise, the largest 4 to the required voltage regulating voltage regulator knob, connects the load to the output very eight straight, the negative 10 (pay attention to the positive and negative polarity correctly), the voltage indicator lights up 3. Work in the stabilized state power, i.e., constant voltage, the current changes overload.

（4）Steady flow Settings: regulating voltage setting knob 4 make the output voltage of 3-5 v arbitrary value, then 6 set steady flow knob counterclockwise to the minimum. With wire short circuit output positive

8, 10, the cathode adjustment needed for steady flow setting knob 6 to current value, and then the demolition of short circuit conductor. Adjust the voltage to the desired voltage value, connects the load to the output very eight straight, the negative 10 (pay attention to the positive and negative polarity correctly), can be normal use, steady flow indicator lights up 5 at this time. Work in steady flow state power, i.e., constant current, voltage changes overload.

（5）Note: please do not load to start the power switch, otherwise easy to damage the power supply box of load. Connect the load to the output terminals "+" "-", pay attention to the positive and negative polarity is correct. When requiring higher ripple coefficient, please ensure that the "+" "-" output terminals must have a reliable grounding "GND", in order to reduce the ripple

4. Maintain

4-1 Insurance tube replacement

If there are any insurance tube burn out, you must find out the reason, the native of insurance available capacity of the same failure tube replaced.

4-2 Maintain

The power supply before delivery by the precision calibration, non-professional workers do not open the without authorization. If you have internal damage, please contact with dealers, high pressure machine, please do not repair yourself.