



Output DC Bench Power Supplies With LED

- QJ3010S.....0-30VDC/0-10A , Regulated Power Supply**
- QJ3020S.....0-30VDC/0-20A , Regulated Power Supply**
- QJ6005S.....0-60VDC/0-5A , Regulated Power Supply**
- QJ6010S.....0-60VDC/0-10A , Regulated Power Supply**
- QJ12003S.....0-120VDC/0-3A , Regulated Power Supply**



## General Description:

Your new DC Regulated Power Source provides accurate & stable DC power. It is ideal for test benches, laboratories, schools & repair facilities. The multi-turn voltage control knob helps the user accurately dial in a precise voltage. It is easy to read digital outputs (voltage & current) through a LED displays. This product is expertly manufactured for JIUYUAN company. It incorporates SMT PC boards & a cooling fan for reliable performance.

## Features:

- \*SMD adhesive sheet element technology for internal PCB construction
- \* Two LEDS Display output current and voltage
- \*A cooling fan
- \*Multiloop high precision voltage regulation
- \*Progressive current regulation
- \*Dual terminal system Safety test style or expandable screw terminals
- \*Overload protection circuit
- \*Low ripple voltage: <1mVP-P
- \*Output polarity: positive or negative
- \*Rugged reinforced metal frame construction

## Specifications:

	Voltage	Current	Display
QJ3010S	0-30VDC	0-10A	100mV 10mA
QJ3020S	0-30VDC	0-20A	100mV 10mA
QJ6005S	0-60VDC	0-5A	100mV 10mA
QJ6010S	0-60VDC	0-10A	100mV 10 mA
QJ12003S	0-120VDC	0-3A	100mV 10mA

## General

- Description:** Utilizes SMD technology  
Single/Dual Output Light and Compact  
Output Polarity: Positive and Negative  
LED Display shows Voltage and Current value  
Low Ripple Voltage Less Than 1.5mVP-P  
Overload Protection Circuit  
Applicable for School, Production Line, Laboratory and Maintenance

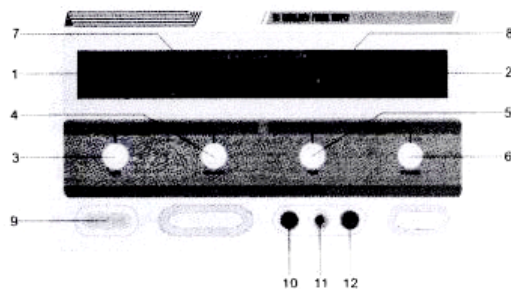
## Specifications:

Input Voltage	220V AC +/- 10%		
Voltage Regulation	$CV \leq 1 \times 10^{-4} + 3mV$	$CC \leq 2 \times 10^{-3} + 6mA$	
Load Regulation	$CV \leq 5 \times 10^{-4} + 3mV$	$CC \leq 5 \times 10^{-4} + 6mA$	
Ripple & Noise	$CV < 1.5mVrms$	$CC < 10mArms$	
Protection	current Limiting		
Voltage Indication Accuracy	1%+1d		
Current Indication Accuracy	1%+1d		
Ambient Temperature	0 ~ +40°C		
Humidity	<90%		
Dimensions(Dual)	265(w)×140(H)×360(D)		
Weight	QJ3010S:15kg	QJ3020S:15kg	QJ6005S:16kg QJ6010S:17kg QJ12003S:18kg
Accessories	Instruction Manual, Power cord, Test Leads		

## 2. Operation

### 2.1 Front Panel Controls.

- (1) Current Indication
- (2) Voltage Indication
- (3) Fine Adjustment Knob for Regulated Current and the current limit point setter at fine adjustment
- (4) Coarse Adjustment Knob for Regulated Current and the current limit point setter at coarse adjustment
- (5) Fine Adjustment Knob for Regulated Voltage Value
- (6) Coarse Adjustment Knob for Regulated Voltage Value
- (7) Stable Current Indicator
- (8) Stable Voltage Indicator
- (9) Power Switch ON/OFF
- (10) Negative terminal for output
- (11) The grounding line of the case
- (12) Positive terminal for output



The unit has 1 output display. The display has 2 readings. The left is Current and the right is Voltage.

There is 1 output That is 0-30 Volts with 0-10A.

This unit fan turns on when the temperature reaches 115 DegF or 50 Deg C.

It takes a standard 220VAC input only. And it is fuse protected.

### 2. Attention:

- 2.1 The mains power must be switched off before servicing and servicing should be referred to a qualified person.
- 2.2 The unit should be stored in a dry and well ventilated place and the power cord should be removed from its power source for long periods of inactivity.

### 3 Accessories:

- 3.1 Power cord----- one piece
- 3.2 Instruction Manual-----one piece
- 3.3 Negative Wiring-----one piece