



Input frequency:50Hz±5%

Alarm value of output voltage

Single phase:output higher than 242V or lower than 198V

Three phases:output higher than 418V or lower than 342V

Value of protection of over voltage(output loop cut down)

Single phase:output voltage more than 247V

Three phases:output voltage more than 427V

Value of protection of short voltage(output loop cut down)

Single phase:output lower than 193V

Value of protection of over current:1.2 times larger than rated current

Response time of instant voltage change: advantage over two weeks of power

Signle pulse restraint of instant high power

Single phase input 3000V, while 75us single pulse, the remained output voltage <30V

Output wave distortion:<3%

Working ambient temperature:-10°C±40°C

Waste power:<1.5%



WYJ-0~30V/3A



WYJ-0~30V/3A x 2



WYJ-0~30V/3A x 2

# WYJ Regulated D.C. Power Supply

## 1. WYJ D.C. Regulated Power Supply

The WYJ series D.C. Regulated power supply is the one whose output voltage is variable. They have the functions of continuous adjustment output voltage and fixed output to be chosen as per requirements. The circuit consists of integrated circuit and power amplifier, with single-way output and multi-ways independent output. The circuit has functions of high steady in capability, reliability in characteristic, steady in output voltage, small size novel appearance, suitable for scientific research institutes, manufactories, electric appliance serices and so on.

# 2. WYJ1730SL 30A/WYJ1730SL 40A & WYJ1730SC 30A/WYJ1730SC 40A Large Power D.C. Regulated Power Supply Feature

Single-way large power D.C. Regulated power supply

Max. output power up to 1200W

Reliable protection functions of over current, over thermal and circuit

8 hours continuously working

The value of voltage and current of WYJ 1730SL is displayed by three digits

The value of voltage current of WYJ 1730SC is displayed by meters



#### 3. WYJ1721SL/WYJ1731SL & WYJ1751SC/WYJ1761SL Feature

Two-way output

Two numeral tubs show the value of output voltage and current separately through the choice switch.

The regulated voltage and current can be switched automatically and showed by luminous tube.

The two-way output voltage can be serial-shunt operation as per requirement, while in serial and shunt operation ,one of the main power can follow the voltage or current(shunt).

It adopts the mode of protection of current limitation, which can be adjusted as per requirement.

It can add up to 5V/3A fixed voltage output as the users' requirements.

Full plastic frame, novel appearance.

#### 4. SWYJ-23005 Feature

Two meters with two-way output show the value of output voltage and current separately through the choice switch.

The regulated voltage and current can be switched automatically and showed by luminous tube.

The two-way output voltage can be serial-shunt operation as per requirement, while in serial and shunt operation, one of the main power can follow the voltage or current (shunt).

It adopts the mode of protection of current limitation, which can be adjusted as per requirement,

It can add up to 5V/3A fixed voltage output as the user's requirements.

Full plastic frame, novel appearances

### 5. Main Technical Index

Туре	Output current	
	Voltage	Current
WYJ1721SL 5A	0~20V	0~2A
WYJ1731SL 2A	0~30V	0~3A
WYJ1731SL 3A		0~5A
WYJ1731SL 5A		0~2A
WYJ1751SL 3A	0~50V	0~3A
WYJ1761SL 2A	0~60V	0~5A
WYJ1761SL 3A		0~3A

Wave and noise: CV  $\leq$  1mVrms CC  $\leq$  5mArms Power reaction: CV  $\leq$  1x10<sup>-4</sup>+0.5mV CC  $\leq$  2x10<sup>-3</sup>+1mA Load reaction: CV  $\leq$  1x10<sup>-4</sup>+2mV CC  $\leq$  2x10<sup>-3</sup>+3mA Measurement and weight:290x158x135mm 3~6kgs Output voltage: Between OV-30V can be adjusted continuously Output current:0-30A(WYJ1730SC 30A/WYJ1730SL 30A) WYJ1730SC 30A/WYJ1730SL 30A)

0-40A

Power reaction:CV<1x10³+5mVrms;CC<1x10²+15mVrms Load reaction:CV<1x10³+5mVrms;CC<1x10²+30mVrms Mode of protection: Current limitation and circuit protection Measurement and weight: 400x200x480mm 30kgs

Туре	Output current	
	Voltage	Current
SWYJ23005D 5A	0~20V	0~5A
SWYJ23005D 2A	0~30V	0~2A
SWYJ23005D 3A		0~3A
SWYJ23005D 5A		0~5A

Wave and noise: CV  $\leq$  1m Vrms CC  $\leq$  5mArms Power reaction: CV  $\leq$  1x10<sup>-4</sup>+0.5mV CC  $\leq$  2x10<sup>-3</sup>+1mA Load reaction: CV  $\leq$  1x10<sup>-4</sup>+2mV CC  $\leq$  2x10<sup>-3</sup>+3mA Measurement and weight:370x262x163mm 6~10kgs