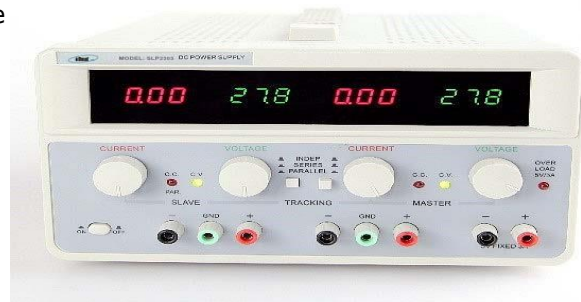


## Data Sheet

### SLP 2300 Series Dual Channel DC Power Supply

Model: SLP2305

- Support master and slave channels output at the same time, the total power can reach up to 320W.
- Two-color LED simultaneously displays for the Voltage (green) and current (red) of the master And slave circuits.



- No need for external wiring, one-key button for master-slave serial and parallel function.
- Unique function switching delay function to
- prevent switching noise from damaging the load
- Fixed 5V/3A high current output, stable and
- Reliable (optional, N/A for this unit).
- Smart fan cooling, high efficiency and low noise.
- The independent state of master and slave

Channel is completely isolated.



## Overview

SLP2300 series DC power supplies are dual outputs with adjustable output voltage and current,

High precision, low ripple, linear power supplies with constant voltage or constant current (CV, CC) controls. The SLP2300 DC power supplies have 3 digits four LED displays of voltage and current. Can be optionally equipped with 5V and 3A output fixed output. The two adjustable channels can be used as independently isolated, serial or parallel. Also, one channel can be the master of the other channel. The output voltage is the summation of the two channels when the power supply is used in serial mode, and the output current is the summation of the two channels when it is used in parallel mode.

## Features

- Max. Total output power reaches 320W.
- CV / CC working modes, automatic switchable between two modes.
- Voltage & Current continuously adjustable, 10-turn potentiometer setting.
- Output voltage & current LED display.
- Intelligent fan cooling, withstand continuous working.
- Over heat & Over current protection.
- 300\*200\*400 bench top housing.
- Low ripple and noise.

## Applications

- Products burn-in test, such as DC motors, DC fans, vehicle DVD, vehicle AUDIO, resistors and capacitors etc.
- LED, motors and DC fans test.
- Accumulator charging.
- Labs and universities.

- Small electrolysis or electroplating system.
- Other conditions need stable DC output

Specifications			
<b>Input</b>	Voltage	Single – phase 220V±10%	
	Frequency	50Hz/60Hz	
<b>Output</b>	Rated power	160 W per channel	
	Output voltage	Adjusting range	0V ~ 32 V per channel
		Line regulation	< 0.01%+3mV (Stability @ ±10% Δ UIN)
		Load regulation	< 0.02%+5mV (Stability @ 10% ~ 90% load)
		Ripple	≤2mV (RMS)
	Output current	Adjusting range	0A ~ 5 A per channel
		Line regulation	< 0.2%+3mA (Stability @ ±10% Δ UIN)
		Load regulation	< 0.2%+5mA (Stability @ 0 ~ 100% Δ UOUT)
		Ripple	≤6mA (RMS)
	<b>Setting &amp; Display</b>	Control mode	Front panel button control
Display mode		3 1/2 LED digital display	
Display accuracy		Voltage: ±0.5%+3 bits, current: ±1%+3 bits	
<b>Protection &amp; Monitoring functions</b>	Output over current protection (OCP)	Power supply automatically switches to current-limit working when the output has over current.	
<b>Power consumption</b>		400VA	
<b>Noise</b>	≤55dB		

<b>Protection degree</b>		IP20
<b>Cooling method</b>		Forced air cooling
<b>Working conditions</b>	Ambient temperature	0°C ~ 40°C
	Humidity	10% ~ 90%(non-condensing)
	Height	≤1000m
<b>Size (W*H*D) (mm)</b>		300*200*400
<b>Weight</b>		Approx. 9.6Kg

### Model list

Model	Output	Dimension (W*H*D) (mm)	Packing
SLP2303	3A	300*200*400	Carton
SLP2305	5A	300*200*400	Carton

More models are coming soon. 😊