

## Characteristics

- Constant voltage, constant current automatic switching
- Short circuit protection function, short circuit stop output
- Temperature-controlled fan cooling, low noise, long life
- Pre-displayable setting value, coarse and fine adjustment
- USB-A/Type-C fast charging function, support multiple protocols

## Applications

- 1、 Production Line Testing
- 2、 Laboratory, research and teaching
- 3、 Mobile phone, computer, electrical appliances maintenance
- 4、 Product aging, plating, battery charging
- 5、 Other applications requiring DC regulated power



DPS series is a three-window, four-digit display high-precision switching DC regulated power supply that displays voltage, current, and power simultaneously. Both voltage and current are continuously adjustable between 0 and nominal value, with pre-display setting value and coarse and fine adjustment. Stability and ripple coefficient are very good, perfect short-circuit protection function, with USB-A/Type-C fast charging function, support a variety of fast charging protocols.

Model	DPS305U	DPS3010U	DPS605U	DPS1203U	DPS1602U
Output power	150W	300W	300W	360W	320W
Output Voltage	0-30V	0-30V	0-60V	0-120V	0-160V
Output Current	0-5A	0-10A	0-5A	0-3A	0-2A
Auxiliary Functions	USB-A/Type-C fast charging				
Protection method	Current limit protection/short circuit alarm stop output, self recovery				
Working Environment	Input voltage: AC 230V/115V±10%; 50Hz/60Hz				
	Working temperature: 0°C~ 40°C;Relative humidity:<80%RH				
	Storage temperature: -10°C~ 70°C;Relative humidity:<70%RH				
Regulated state	Voltage stability: 0.1%±3mV				
	Load stability: 0.2%±3mV				
	Ripple voltage: ≤0.5% Vp-p				
	0 to rated voltage continuously adjustable				
Steady-state	Current stability: 0.1%±3mA				
	Load Stability: 0.2%±3mA				
	Ripple current: ≤0.5% Vp-p				
	Recovery time: ≤500μS				
	Temperature coefficient: ≤100ppm/°C				
	Continuously adjustable from 0 to rated current				
Table header display	Four-digit digital tube, three-window display				
	Display accuracy: 0.5%±3 words				
	Display resolution: voltage 0.01V, current 0.001A				
Product Features	Product size: length 190mm * width 90mm * height 145mm				
	Package size: L265mm * W135mm * H195mm				
	Bare machine: 1.2kg With packaging accessories: 1.5kg				
	8 units/whole piece, 12.5kg Carton size: 550*275*405mm				
Random Accessories	AC power cord * 1 ( National Standard, American Standard, European Standard, British Standard, etc.) Operation manual * 1 Output test line * 1				