

PS-3060/PS-6030/PS-5050



PS-3060 (0~30V/0~6A, Single)

PS-6030 (0~60V/0~3A, Single)

PS-5050 (0~50V/0~5A, Single)

■ FEATURE

- Built-in digital numeric display (3 DIGIT RED LED)
- Variable power : PS-3060(up to 30V DC), PS-6030(up to 60V DC), PS-5050(up to 50V DC)
- Variable current : PS-3060(up to 6A), PS-6030(up to 3A), PS-5050(up to 5A)
- Compact size and light weight
- Low Power Consumption
- Built-in current limiting circuit
- Large, easy to read analog metering
- Low ripple : < 1mVrms
- Output polarity : (+), (-), GND, positive or negative

■ Technical Specification

Specification			PS-3060	PS-6030	PS-5050		
Output	Voltage		0 to 30V	0 to 60V	0 to 50V		
	Current		0 to 6A	0 to 3A	0 to 5A		
Constant voltage characteristics (CV mode)	Input regulation	For AC±10% fluctuation	5mV	8mV	12mV		
	Load regulation	For 0 to 100% fluctuation	5mV	8mV	12mV		
	Ripple and noise	10Hz to 1MHz	1mV rms				
	Ripple peak	10Hz to 20MHz	4mVp-p				
	Tansient response	Standard value (current 5% to 100%)	50u Typical				
	Temperature coefficient	Standard value	100ppm/°C Typical				
Constant current characteristics (CC mode)	Input regulation	For AC±10% fluctuation	6mA	3mA	5mA		
	Load regulation	For 0 to 100% fluctuation	15mA	15mA	15mA		
	Ripple and noise	10Hz to 1MHz	3mA rms	2mA rms	3mA rms		
	Temperature coefficient	Standard value	250ppm/°C Typical				
Digital meter Indication	Voltmeter indication	Red 3-digit LED	Max 99.9V, fixed range				
	Accuracy	Output ON	± (0.2% rdg + 2digits)				
	Ammeter indication	Red 3-digit LED	Max 99.9V, fixed range				
	Accuracy	Output ON	± (1.0% rdg + 3digits)				
Insulation resistance	Between chassis and input power supply		DC500V 30MΩ				
	Between chassis and output terminal		DC500V 20MΩ				
Power Supply	Line Voltage Range	Voltage fluctuation within 10%	AC100V/120V/220V/230V(selectable), 50/60Hz				
	Power Consumption		450VA/370W	380VA/300W	500VA/420W		
Constant voltage operation indication			CV(green LED) light				
Constant current operation indication			CC(Red LED) light				
Output polarity			+(RED), -(white), GND(black), ±grounding is possible				
Operating temp..and humidity range			0 ~ 40°C, 10 ~ 80% RH				
Storage temp. and humidity range			-20 ~ 60°C, 10 ~ 85% RH				
Ground proof voltage			±200V				
Dimensions (WxHxDmm)			210*163*347	210*163*347	215*165*430		
Weight(Approx.)			10.0Kg	10.0Kg	15.0Kg		