

DC POWER SUPPLY

PS-3030(30V/3A)



■ FEATURE

- Built-in digital numeric display (3 DIGIT RED LED)
- Variable power : up to 30V DC
- Variable current : up to 3A
- Compact size and light weight
- Low Power Consumption
- Built-in current limiting circuit
- Large, easy to read analog metering
- Low ripple : < 0.5mVrms
- Output polarity : (+), (-), GND, positive or negative

■ Technical Specification

Specification			PS-3030
Output	Voltage		0 to 30V
	Current		0 to 3A
Constant voltage characteristics (CV mode)	Input regulation	For AC±10% fluctuation	5mV
	Load regulation	For 0 to 100% fluctuation	5mV
	Ripple and noise	10Hz to 1MHz	0.5mV 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	2mA
	Load regulation	For 0 to 100% fluctuation	10mA
	Ripple and noise	10Hz to 1MHz	2mA 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	Approx.	235VA/165W
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 (W×H×Dmm)			138*162*345
Weight(Approx.)			6.6Kg