

SINGLE OUTPUT DC POWER SUPPLY

Features

- Built-in digital numeric display
- Output : 0~30V/0~3A & 0~30V/0~5A
- Constant voltage and current operation
- Low Power Consumption
- Built-in current limiting circuit
- coarse and fine voltage controls for accurate voltage and current setting
- Output polarity : (+), (-), GND, positive or negative



Technical Specification

PS-303 & PS-305

Model	PS-303	PS-305
Output Voltage	0 ~ 30 V	0 ~ 30 V
Output Current	0 ~ 5 A	0 ~ 5 A
Constant Voltage Operaiton		
Input regulation	8mV	8mV
Load regulation	8mV	8mV
Ripple and noise	0.5mV rms, 4mV P-P	0.5mV rms, 4mV P-P
Constant Current Operation		
Input regulation	4mA	8mA
Load regulation	10mA	20mA
Ripple and noise	3mA rms	5mA rms
Digital Meter Indication		
Voltmeter indication	Red 3-digit LED, Max 99.9V, fixed range	
Accuracy	Output ON : $\pm (0.2\% \text{ rdg} + 2\text{digits})$	
Ammeter indication	Red 3-digit LED, Max 99.9V, fixed range	
Accuracy	Output ON : $\pm (1.0\% \text{ rdg} + 3\text{digits})$	
Insulation Resistance		
Between chassis and Input power supply	DC500V 30M Ω	
Between chassis and output terminal	DC500V 20M Ω	
Output polarity	+(RED), -(BLACK), GND(GREEN), positive or negative grouding	
Operating & Storage Temperature	0 ~ 35°C, 10 ~ 80% RH / -20 ~ 60°C, 10 ~ 85% RH	
Ground proof voltage	$\pm 200\text{V}$	
Input power Supply	AC115V/230V selectable	
Dimensions	124 x 160 x 326mm	
Weight	Approx. 5Kg	Approx. 5.5Kg