

Multi- Channel Adjustable DC Power Supply (LED)

MPS-3003L-3

MPS-3005L-3

30V, 3/5A



Description of products :

- Multi tune potentiometers, easy to setup voltage.
- High efficient toroidal transformer
- Dual color four LED digital panel meters voltage and current display
- 0~30V, 3/5A dual channel adjustable and one fixed 5V/3A output
- Overload protection
- Constant Voltage ,Constant Current, low ripple noise ,low temperature drift
- Preset current limited point
- In tracking mode, both outputs are automatically connected in series or parallel without extra cables
- In series mode, machine can be connected as positive and negative

Technical parameter

	MODEL	MPS-3003L-3	MPS-3005L-3
OUTPUT VOLTAGE (CV)		0~30V DUAL, 5V (FIXED)	0~30V DUAL, 5V (FIXED)
OUTPUT CURRENT (CC)		0~3A DUAL, 3A (FIXED)	0~5A DUAL, 3A (FIXED)
	INDEPENDENT	TWO INDEPENDENT OUTPUTS AND 5V FIXED OUTPUT	
OPERATION MODE	SERIES	ONE 0~60V,0~3A OUTPUT AND 5V FIXED OUTPUT	ONE 0~60V,0~5A OUTPUT AND 5V FIXED OUTPUT
	PARALLEL	ONE 0~30V,0~6A OUTPUT AND 3A FIXED OUTPUT	ONE 0~30V,0~10A OUTPUT AND 3A FIXED OUTPUT
	REGULATION	LINE REGULATION : LESS THAN 5mV LOAD REGULATION : LESS THAN 10mV	
5V FIXED OUTPUT	RIPPLE & NOISE VOLTAGE ACCURACY	2mVrms 5V ± 0.25V	
	OUTPUT CURRENT	3A	
TRACKING OPERATION	TRACKING ERROR	LESS THAN 0.5% + 10mA OF THE MASTER	
	SERIES REGULATION	LESS THAN 300mA	
RIPPLE REJECTION		± 1mVrms (5Hz-1MHz)	± 2mVrms (5Hz-1MHz)
LINE REGULATION		± 0.01%+3mV	± 0.01%+3 mV
LOAD REGULATION		± 0.01%+3 mV mV	± 0.02%+5 mV
VOLTAGE RESOLUTION		0.1V	0.1V
CURRENT RESOLUTION		0.01A	0.01A
TRANSIENT RECOVERY TIME		100 μs (50%LOAD CHARGE,MINIMUM LOAD 0.5A)	
DISPLAYER	VOLTAGE	3½ DIGITAL AUTO RANGE DIGITAL DISPLAY	
	CURRENT	3 ½ DIGITAL AUTO RANGE DIGITAL DISPLAY	
OPERATING ENVIRONMENT		0~40°C ,80%R.H.	
AC POWER SOURCE		AC 110/220V ± 10%, 50/60Hz (CUSTOMER MODE)	
ACCESSORIES		INPUT POWER CORD, MANUAL, OUTPUT CABLE	
DIMENSION (W*D*H mm)		245*345*140	
WEIGHT (KG)		8	