



MULTI-CHANNEL ADJUSTABLE OUT CONTROL DC POWER SUPPLY(LED)

MPS-3303/3305/3303K/3305K

- 0~30V, 0~3A/5A dual channel adjustable and one fixed 5V/3A output
- Over current 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 supply
- Multi-coil potentiometers, easy to setup voltage
- High efficient toroidal transformer
- Dual color four LED digital panel meters voltage and current display
- Out control function (Model K)
- Built-in heat sink



MPS-3303K

Technical Data

MPS-3303/3305/3303K/3305K

Operation Mode	Independent	Two independent outputs and one fixed 5V/3A output	
	Series	0~60V/3A/5A	
	Parallel	0~30V/6A/10A	
Constant Voltage Operation	Line regulation	CV $\leq$ 0.01%+3mV	CC $\leq$ 0.2%+3mA
	Load regulation	CV $\leq$ 0.01%+3mV(I $\leq$ 3A)	CC $\leq$ 0.2%+3mA(I $\leq$ 3A)
		CV $\leq$ 0.02%+5mV(I>3A)	CV $\leq$ 0.2%+5mA(I>3A)
	Ripple&Noise	CV $\leq$ 1.0mVrms(I $\leq$ 3A)	CC $\leq$ 3mArms(I $\leq$ 3A)
Constant Current Operation		CV $\leq$ 2.0mVrms(I>3A)	CC $\leq$ 6mArms(I>3A)
		Line regulation	CC $\leq$ 0.2%+3mA
		Load regulation	CC $\leq$ 0.2%+3mA
		Ripple&Noise	$\leq$ 3.0mArms
Tracking Operation	Parallel	Line regulation	$\leq$ 0.01%+3mV
		Load regulation	$\leq$ 0.01%+3mV(I $\leq$ 3A) $\leq$ 0.02%+5mV(I>3A)
	Series	Line regulation	$\leq$ 0.01%+5mV
		Load regulation	$\leq$ 300mV
		Slave tracking error	$\leq$ 0.5%+10mV(no load, with load added $\leq$ 300mV)
Meter	Display accuracy (3digits panel meter)	Ammeter accuracy: $\pm$ (1% of rdg +2 digits)	
		Volmeter accuracy: $\pm$ (0.5% of rdg +2 digits)	
Fixed 5V Output Specification	Output voltage	5V $\pm$ 0.25V	
	Output current	3A	
	Regulation	Line regulation $\leq$ 25mV; Load regulation $\leq$ 25mV	
	Ripple&Noise	$\leq$ 2.0mVrms	
	Protection	Over current and short circuit protections	
	Operation environment	Temperature 0~+40°C; Humidity $\leq$ 80%	
Power Source		AC 220V $\pm$ 10%(standard); AC 110V/220V $\pm$ 10%(optional); 50Hz/60Hz	

Model	Voltage	Current	Fixed Output	Dimension (D×W×H)	Weight (kg)
MPS-3303K	0~30V×2	0~3A	5V/3A	330×260×160mm	7
MPS-3305K	0~30V×2	0~5A	5V/3A	330×260×160mm	9
MPS-3303	0~30V×2	0~3A	5V/3A	330×260×160mm	7
MPS-3305	0~30V×2	0~5A	5V/3A	330×260×160mm	9