

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

MYWAVE®

MPS-3003LK-3/3005LK-3/3003LP-3/3005LP-3

- Out control function (Model K)
- Out control and presetting function (Model P)
- 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
- External heat sink



MPS-3005LP-3

Technical Data

MPS-3003LK-3/3005LK-3/3003LP-3/3005LP-3

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

Model	Voltage	Current	Fixed Output	Dimension (D×W×H)	Weight (kg)
MPS-3003LK-3	0~30V×2	0~3A	5V/3A	370×260×160mm	8
MPS-3003LP-3	0~30V×2	0~3A	5V/3A	370×260×160mm	8
MPS-3005LK-3	0~30V×2	0~5A	5V/3A	370×260×160mm	10
MPS-3005LP-3	0~30V×2	0~5A	5V/3A	370×260×160mm	10