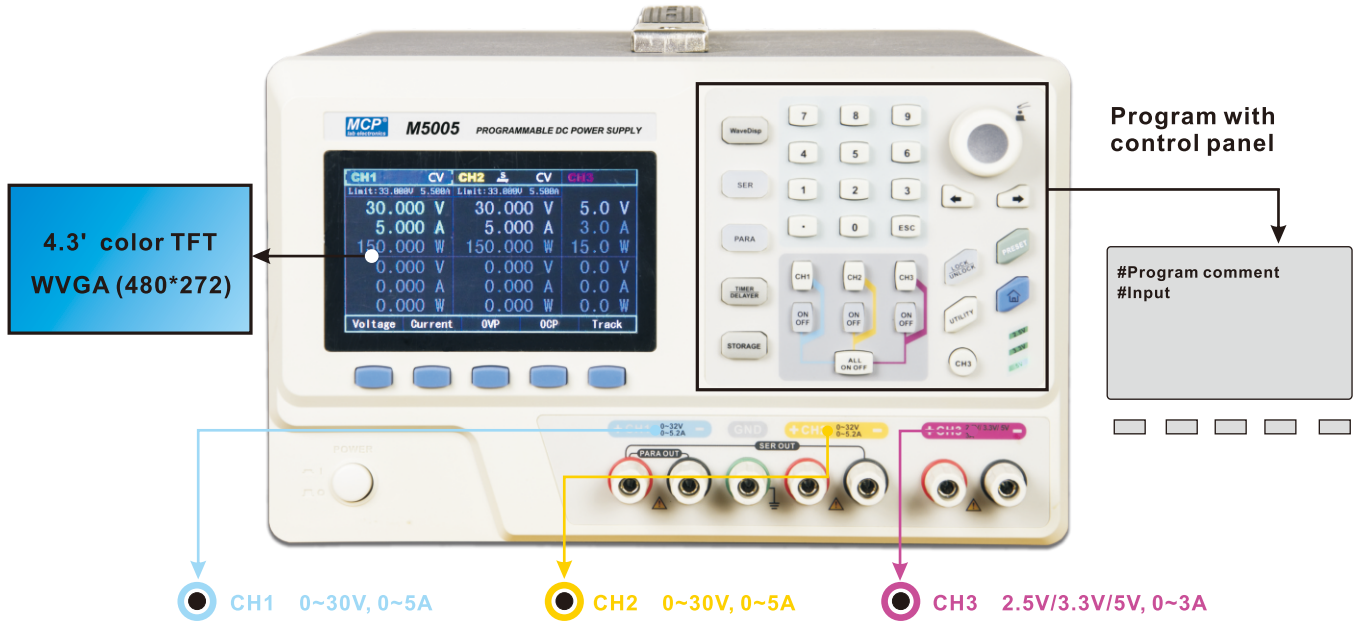
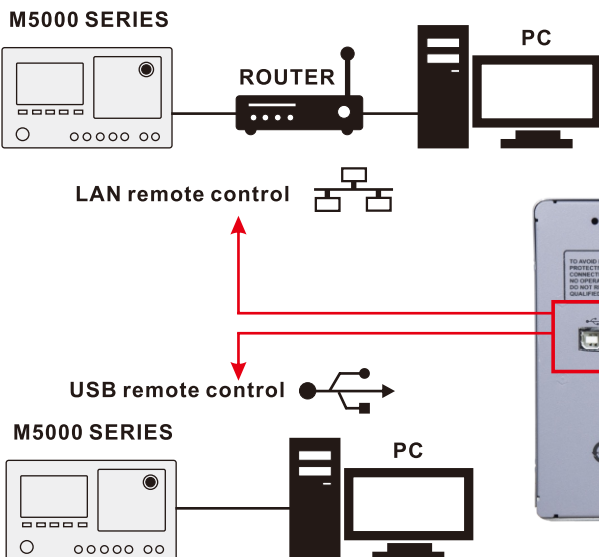
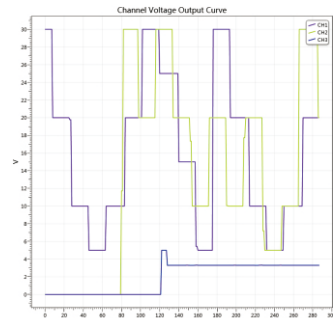


M5000 SERIES PROGRAMMABLE DC POWER SUPPLY

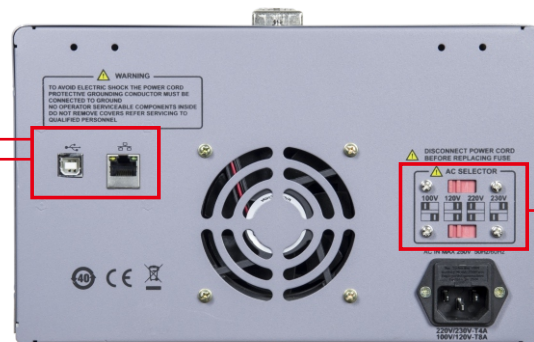


CH1	CH2	CH3
30.000	30.000	5.000
5.000	5.000	3.000
150.000	150.000	15.000
0.000	0.000	0.000
0.000	0.000	0.000
0.000	0.000	0.000

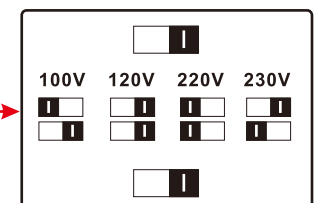
MAIN CONTROL PANEL



BACK VIEW



AC SELECTOR FOR DIFFERENT COUNTRY



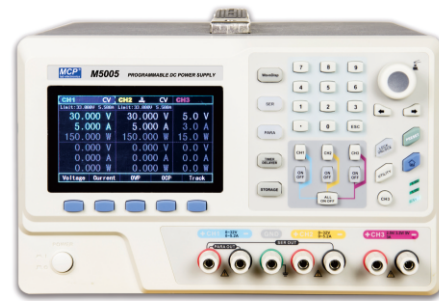
M5000 SERIES PROGRAMMABLE DC POWER SUPPLY

M5000 SERIES



Features

- . 4.3" TFT color display, WVGA (480*272)
- . Graphical user menu
- . Two independent channels 0~30V/0~3,0~5A
- . Fixed voltage output 2.5V,3.3V,5V/3A
- . High output resolution 1mV/1mA
- . Low ripple noise
- . Over voltage, over current and over heat protection



M5005

M5000 Series Technical Data			M5003	M5005
Output	Voltage		CH1&CH2: 0~30V CH3: 2.5V/3.3V/5V	CH1&CH2: 0~30V CH3: 2.5V/3.3V/5V
	Current		CH1&CH2: 0~3A×2 CH3: 0~3A	CH1&CH2: 0~5A×2 CH3: 0~3A
CV mode	Regulation	source	≤0.01%+2mV	
		load	≤0.01%+2mV	
	Ripple & noise		≤1.0mVrms/350 μVrms (5Hz~1MHz)	
	Response time		≤50 μs(50% load change & min. load 0.5A)	
	Order processing time		<100ms	
	Output range		0 to set voltage continuously adjustable	
CC mode	Regulation	source	≤0.01%+250 μA	
		load	≤0.01%+250 μA	
	Ripple current		≤2mArms	
	Output range		0 to set voltage continuously adjustable	
Trace mode	Parallel	source regulation	≤0.01%+2mV	
		load regulation	≤0.01%+2mV	
	Series	source regulation	≤0.01%+3mV	
		load regulation	≤300mV	
	Tracking error		≤0.5%+100mV(with load +300mV)	
Measurement	Display	voltage full range	5 digits	
		current full range	4 digits	
	Programming resolution	voltage	1mV	
		current	1mA	
	Read back resolution	voltage	0.1mV	
		current	0.1mA	
	Display resolution	voltage	1mV	
		current	1mA	
	Programming accuracy (25±5°C)	voltage	±(0.05%+10mV)	
		current	±(0.2%+10mA)	
Reading accuracy (25±5°C)	voltage	±(0.05%+5mV)		
	current	±(0.15%+5mA)		
Voltage programming time	CH1		UP: FL<50ms,NL<30ms	DOWN: FL<45ms,NL<400ms
	CH2		UP: FL<50ms,NL<30ms	DOWN: FL<45ms,NL<400ms
	CH3		UP: FL<15ms,NL<13ms	DOWN: FL<20ms,NL<100ms
Temperature coefficient per°C	CH1	voltage full range	0.01%+5mV	
		current full range	0.01%+2mA	
	CH2	voltage	0.01%+5mV	
		current	0.01%+2mA	
	CH3	voltage	0.01%+2mV	
		current	0.01%+2mA	
Channel 3	output voltage		2.5V/3.3V/5V±8%	
	output current		0~3A	
	Regulation	source	≤0.01%+3mV	
		load	≤0.01%+3mV	
	Ripple & noise		≤1.0mVrms (5Hz~1MHz)	
Interface	USB Host & Device			
Power Source	AC 100V~240V, 50Hz/60Hz			
Weight	8kg		9.5kg	
Dimension (W×H×D)	260mm×270mm×300mm			