Four Channel DC Power Supply

MFP-4800 Series

CE

Standard SENSE☑ RS232☑   Optional LAN☐

Features

• There are two ways to set: voltage and current, using a numeric keypad and knob adjustment
• Resolution of 1mV voltage and 1mA current
• Four independent adjustable channels, isolated from each other
• Voltage compensation function ensures accuracy
• List sequence output function
• Standard 2U model
• Intelligent temperature controlled fan, quieter operating environment
• 9 preset storage functions

	Model	MFP-4801	MFP-4802	MFP-4803	MFP-4804	MFP-4805	MFP-4806	MFP-4807
AC input	Number of phases	Iph + N + PE						
	Voltage	220VAC ± 10%						
	Frequency	45 ~ 66Hz						
	Power factor	≥0.99						
DC output	Voltage	0 ~ 40V * 4CH	0 ~ 80V * 4CH	0 ~ 200V * 4CH	0 ~ 360V * 4CH	0 ~ 500V * 4CH	0 ~ 800V * 4CH	0 ~ 1000V * 4CH
	Current	0 ~ 60A * 4CH	0 ~ 30A * 4CH	0 ~ 12.5A * 4CH	0 ~ 7.5A * 4CH	0 ~ 5A * 4CH	0 ~ 3A * 4CH	0 ~ 2.5A * 4CH
	Power	0 ~ 800W * 4CH						
	Efficiency	≤89%	≤91%	≤91%	≤91%	≤91%	≤91%	≤91%
Programming accuracy	Voltage	≤ ± (0.05% + 0.04% FS)						
	Current	≤ ± (0.15% +0.1% FS)						
	Power	≤ ± 0. 8% ES						
Readback accuracy	Voltage	≤ ± (0.05% + 0.04% FS)						
	Current	≤ ± (0.15% +0.1% FS)						
	Power	≤ ± 0. 8% FS						
Ripple and noise	RMS (20Hz-300kHz	15mVrms	20mVrms	30mVrms	60mVrms	75mVrms	120mVrms	150mVrms
	P-P (20Hz-20MHz)	150mVpp	200mVpp	270mVpp	375mVpp	480mVpp	780mVpp	820mVpp
Source effect	Voltage	≤ 0.02% FS (± 10% AUAc Input)						
	Current	≤ 0.05% FS (± 10% AUAc Input)						
Load effect	Voltage	≤ 0.05% FS (load regulation ratio of 0-100%)						
	Current	≤ 0. 15% FS (load regulation ratio of 0-100% Uoc)						
Dynamic response time	Load adjustment time	≤ 2 ms (load adjustment from 10-100%)						
	Output voltage rise time	Max 30 ms (10 ~ 90% Full scale)						
	No-load voltage drop time	240ms						
	Full load voltage drop time	20ms						
Protection function		OTP, OVP, OCP, OPP, PF						
Communication interface		RS485 communication interface						
Work Environment		Working temperature: 0 ~ 50 ℃, humidity: < 80%, no condensation, storage temperature:-20 ~ 70 ℃, altitude: < 2000m						
Isolation withstand voltage		1000 VDC (output to earth)						