

# Single Channel DC Power Supply

## MPS-3206 Series



EmailSupport: service@szmatrix.com



Link to download the user manual:

<https://wendy4197.github.io/MATRIX/MPS-3206-UserManual.pdf>

- Voltage and current simultaneously display double four-digit LED display
- High power up to 320W with small volume
- Smart fan, unique air duct design keeps normal temperature for long time full load working
- Five sets of storage functions, greatly convenient for users
- OVP/OCP setting function
- Encoder sets voltage and current. Fast and longer life
- Output control function

Model		MPS-3206	MPS-3210	MPS-6205
Rated input voltage		AC220V/110V±10%		
Rated output voltage		0~32V	0~32V	0~62V
Rated output current		0~6A	0~10A	0~5A
Rated output power		192W	320W	310W
Load regulation	Voltage	< 0.1%+5mV	< 0.1%+10mV	< 0.1%+5mV
	Current	< 0.2%+3mA	< 0.2%+5mA	< 0.2%+3mA
Line regulation	Voltage	< 0.01%+5mV	< 0.01%+10mV	< 0.01%+5mV
	Current	< 0.2%+3mA	< 0.2%+5mA	< 0.2%+3mA
Setting accuracy	Voltage	≤0.1%+1 digit	≤0.1%+1 digit	≤0.1%+2 digits
	Current	≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Setting resolution	Voltage	10mV	10mV	10mV
	Current	1mA	1mA	1mA
Readback accuracy	Voltage	≤0.1%+1 digit	≤0.1%+1 digit	≤0.1%+2 digit
	Current	≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Readback resolution	Voltage	10mV	10mV	10mV
	Current	1mA	1mA	1mA
Ripple	Voltage	≤10mVrms	≤10mVrms	≤10mVrms
	Current	≤5mA <sub>rms</sub>	≤5mA <sub>rms</sub>	≤5mA <sub>rms</sub>
OVP		0~32V±0.2%FS	0~32V±0.2%FS	0~62V±0.2%FS
Max. voltage		32V±0.2%	32V±0.2%	62V±0.2%
OCP		0~6.1A±0.2%FS	0~10A±0.2%FS	0~5.1A±0.2%FS
Max. current		6.1A±0.2%	10A±0.2%	5.1A±0.2%
Temperature	Operation	0 ~ 40°C≤80%RH		
Coefficient	Storage	-15~70°C≤80%RH		
Instrument size (W*H*D)	mm	115*96*261		
Packing size (W*H*D)	mm	167*153*317		
Net weight	kg	1.5		
Gross weight	kg	1.9		