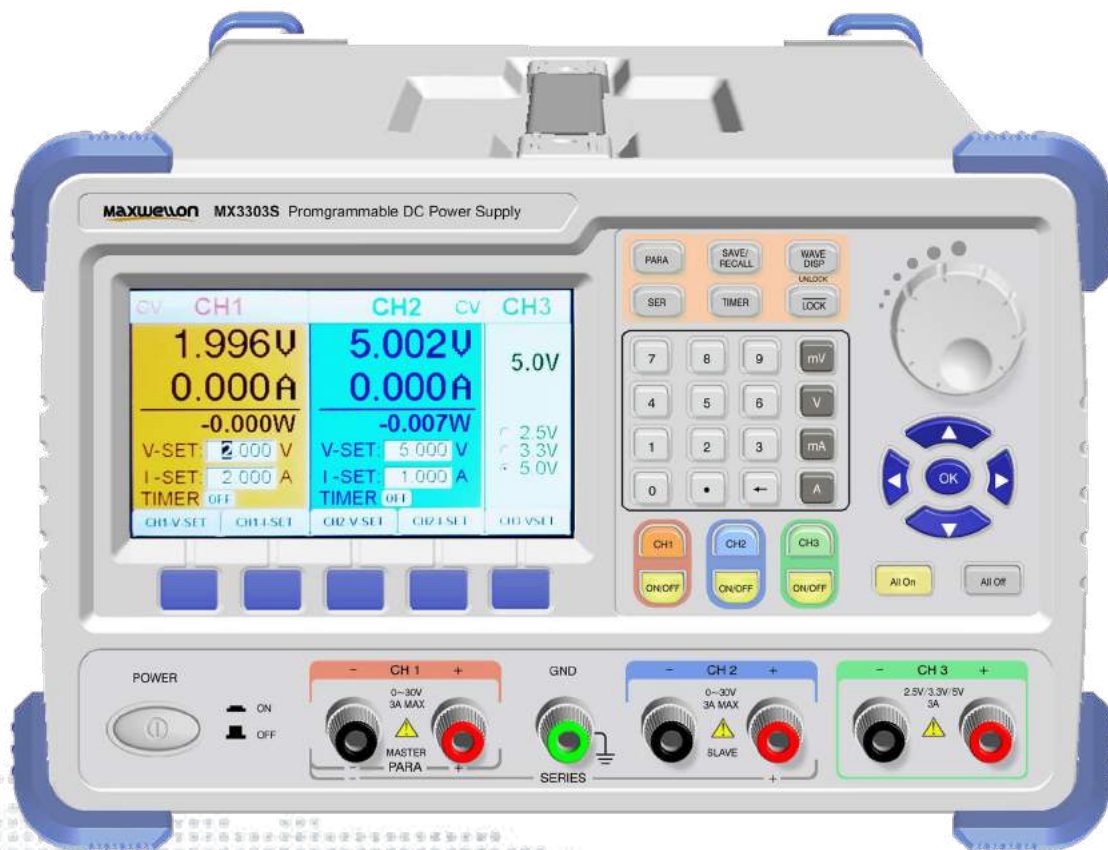


Quality&Precise



MAXWELLON MX3303S

5Hz~6/12MHz
Programmable DC Power Supply
2023

The MX3303S programmable DC power supply adopts digital programming for linear regulation, providing precise, stable, clean, and low-noise DC output. The product features a convenient user interface, superior technical specifications, and a user-friendly graphical style to help you complete tasks more efficiently, significantly improving work efficiency. The product comes standard with a USB Device interface. The power supply is stable, versatile, highly sensitive, with a wide range, high accuracy, compact size, and easy and reliable use. It has a wide range of applications in industrial production, scientific research, and measurement, making it an ideal product for the modernization of traditional power supplies.

■ Key Feature

- 4.3-inch TFT color LCD screen for clear display.
- Compatible design for 100V/120V/220V/230V, meeting various regional power requirements.
- Three independent channels, with two channels controllable for output, providing a total output power of up to 195W.
- 10 sets of stored and recallable parameter settings.
- Timer output function for scheduled operations.
- Waveform display function, showing real-time voltage/current waveforms along with digital displays of voltage, current, and power values.
- Equipped with a USB Device interface for convenient connection to a computer.

■ Specifications

Channel Outputs	
Channels	CH1: Output Voltage: 0~32V; Output Current: 0~3.2A
	CH2: Output Voltage: 0~32V; Output Current: 0~3.2A
	CH3: Output Voltage: 2.5/3.3/5.0V; Output Current: 0~3.2A
Resolution	
Voltage	1mV
Current	1mA
Setting Accuracy	
Voltage	±(0.03% of reading + 10mV)
Current	±(0.3% of reading + 10mA)
Readback Accuracy	
Voltage	±(0.03% of reading + 10mV)
Current	±(0.3% of reading + 10mA)
Constant Voltage Mode	
Power Adjustment Rate	≤0.01% + 3mV
Load Adjustment Rate	≤0.01% + 3mV
Ripple and Noise	≤1mVrms (5Hz~1MHz)
Recovery Time	<100us (50% load change, minimum load 0.5A)
Constant Current Mode	
Power Adjustment Rate	≤0.2% + 3mA
Load Adjustment Rate	≤0.2% + 3mA
Ripple and Noise	≤3mArms

Parallel Mode	
Power Adjustment Rate	$\leq 0.01\% + 3\text{mV}$
Load Adjustment Rate	$\leq 0.01\% + 3\text{mV}$
Series Mode	
Power Adjustment Rate	$\leq 0.01\% + 5\text{mV}$
Load Adjustment Rate	$\leq 300\text{mV}$
Channel 3	
Output Voltage (2.5/3.3/5.0V)	$\pm 8\%$
Line Regulation Rate	$\leq 0.01\% + 3\text{mV}$
Load Adjustment Rate	$\leq 0.01\% + 3\text{mV}$
Ripple and Noise	$\leq 1\text{mVrms}$ (5Hz~1MHz)
Save/Recall	
Save/Recall	10 groups
Maximum Output Power	
Maximum Output Power	195W
Input Power	
Input Power	AC 100V/120V/220V/230 $\pm 10\%$, 50/60Hz
Interface	
Interface	USB Device, configured with test software, supports remote command control.
Display	
Display	4.3-inch TFT (16:9), 65536 colors high-resolution true-color LCD screen, five-digit voltage display, four-digit current display, user-friendly interactive interface, parameters can be graphically displayed.
Dimensions and Weight	
Dimensions	300×240×160mm
Weight	5kg

■ Ordering Information

Standard

No.	Name	Qty.
1	Power Cord	1 pc
2	USB Connection Cable	1 pc
3	User Manual	1 pc
4	USB Driver CD	1 pc



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