

Programmable DC Power Supply

TENMA™


Features

- 0-60V, 0-15A, 300W, wide range voltage and current for the users to choose
- 1mV/1mA high accuracy resolution programmable DC power supply
- Multiple communication rates
- Compact size, high power ratio
- Low ripple and noise, linear output
- No internal relay switch, no replay noise
- Full scale output without shifting gears and uninterrupted output
- Short circuit test environment, such as high-current contact life test
- Convenient fast recall
- Current, voltage and temperature protections
- Adjustable voltage rise slope
- Providing Labview and C++ driver and communication examples
- Interfaces: USB, RS232 and LAN

Performance

Input Voltage	230V
Input Rating	Power: 300W / Voltage:0-60V / Current: 0-15A
Load Regulation	
Voltage	$\leq 0.01\% + 1\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$
Line Regulation	
Voltage	$\leq 0.01\% + 3\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$
Setup Resolution	
Voltage	1mV
Current	1mA
Read back Resolution	
Voltage	1mV
Current	1mA
Setup Accuracy (25°C ±5°C)	
Voltage	$\leq 0.5\% + 5\text{mV}$
Current	$\leq 0.5\% + 3\text{mA}$
Ripple (20-20M)	
Voltage	$\leq 1\text{mVrms} + 0.03\%$ of current output
Current	$\leq 5\text{mA}_{\text{rms}}$
Voltage Rise Time	
Voltage	$\leq 50\text{ms}$
Current	$\leq 50\text{ms}$

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Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Read Back Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Weight and Dimension (W×D×H)	2.2 kgs / 87mm × 175mm × 290mm
Interfaces	USB, RS232 and LAN
Accessories	User Manual, 1×UK Plug, 1×EURO Plug, Software CD and USB Cable

Part Number Table

Description	Part Number
Programmable DC Power Supply	72-13360

