1350

Programmable DC Power Supply

Model 1350 comes with:

- 1350 Power Supply
- Power Cord
- User Manual
- Banana Plug to Alligator Clip Lead Wires (Black & Red)

Features:

- **Ease of operation**
- **High resolution: 10 mV and 1 mA**
- **Separate 4-digit displays for voltage and current for both variable outputs (4 displays)**
- **High stability with less drift**
- **Protection against Over Voltage, Over Current, and Over Load**
- **9 memory locations for instrument state storage & recall**
- **Self-test with the displaying of error messages**
- **Delay-Start lets you preset the starting time**
- **USB interface**
- **Series tracking mode**
- **Conforms to the safety standards of UL, CE, LVD…etc.**
- **Switchable AC input 120 or 240 V**

Overview:

The 1350 features programmable control via USB interface and microprocessor controlled circuits. The voltage and current are controlled by a 12-bit D/A converter with resolutions as high as 10 mV and 1 mA respectively. The protections against over voltage and current are completely regulated by the software producing a safe and reliable instrument.

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Specifications

Model 1350 Dimensions

Product Only

L x W x H (inches)

8.75 x 11.75 x 6.75

Weight (pounds)

17

Shipping

L x W x H (inches)

15 x 12 x 10

Weight (pounds)

19

Function		Value
Output	Voltage	0V ~ 32V, 0V ~ 32V, 5V Fixed
	Current	0 ~ -3A, 0 ~ 3A, 3A Fixed
	Over Voltage Protection	0V ~ -33V, 0V ~ 33V, Over Load
Load Effect	Voltage	≦ ±20 mV
	Current	≦ ±10 mA
Source Effect	Voltage	≦ ±20 mV
	Current	≦ ±10 mA
Resolution	Voltage	10 mV
	Current	1 mA
Program Accuracy (25°C)	Voltage	≦ 0.5% ± 20 mV
	Current	≦ 0.5% ± 10 mA
Ripple & Noise	Voltage	Ripple ≦ 1mVrms / 3mVp-p Noise ≦ 2mVrms / 6mVp-p
	Current	≦ 3mArms
Temperature Coefficient	Voltage	≦ 100ppm + 20 mV
	Current	≦ 150ppm + 10 mA
Read Back Resolution Accuracy (25±5°C)	Voltage	≦ 0.5% ± 10mV
	Current	≦ 0.5% ± 1mA
Response Time	Voltage Up 10~90%	≦ 100mS
	Voltage Down 90~10%	≦ 100mS
Read Back Temperature	Voltage	≦ 100ppm ± 20mV
	Coefficient	≦ 150ppm ± 10mA
Drift	Voltage	≦ 100ppm ± 20mV
	Current	≦ 150ppm ± 10mA
Track	Error	≦ 0.1% + 50mV
Memory		1~9 sets
Timer For Working Loop	Step Time	1 sec ~ 999999 sec
	Resolution	1 sec
5V Fixed Output Output	Ripple Voltage Accuracy Max Current	≦ 2mVrms 5V ± 0.25V 3A ± 0.02A
Power Source		AC 120V, 240V ±5% 50/60Hz

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