

High Precision Digital Power Supply



Model	Output Current	Resolution	Effective Output Voltage	Output Power	Load Range	Optimal Load
F2030	±10A	0.1mA	±100V	1000W	0-10 Ω	9 Ω

△ Output current:

- Output range -10A-10A DC
- Min. step: 0.1mA
- High accuracy $\pm (0.2\% \text{ step up } +5\text{mA})$ Stability better than $\pm 0.1\% @ 10\text{A}$
- Noise/Ripple: 10mA RMS Typical Value @ 10A
- Max output power: 1.0Kw

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Dexing Magnet Tech. Co., Ltd

△ Output voltage

- Range of effective output voltage 0V-100V DC
- Open circuit output voltage: 120V \pm 8V @10A

△ Current Reverser

- Microprocessor controlled relay reverse mode and 5 models to choose for delay time
- Shock of reversal current smaller than 1mA

△ Load adaptability

- Loading DC resistance range of full input 0-10 Ω
- Output impedance $> 1m\Omega$
- Interior collocation output makes up to network

△ Load protection

- Controllable output end state
- Mode of linear Gradients deals with mutational current setting
- Rate of current linear Gradients 0.01A/S-2A/s
- Interior overpower protection

△ Scanning function

- I , I -III, I -III- I quadrant three scanning modes
- Rate Range of linear scan: 0.01A/s, setting range of max scanning current: 1mA-10A DC

△ Automatically control

- Standard equipment with RS-232 computer interface and easy-to-use interface
- Standard equipment with inner USD-RS-232 exchange interface
- Complete computer command set
- Function of trigger output synchronization
- Function of timed continuous trigger output in the process of scanning

△ Interaction capability

- White backlight FSTN LCD display
- Essential LED state indicator
- 3*4 keys interactive function keyboard operation matched display and indicator

△ Standard specification

- Offer manual for users
- Standard 3U bench top instruments, AC 110V/50Hz (with transformer 220V/110V)