



## IT6800A series DC power supply



IT6830A series power supply high resolution of 1mV, 0.01mA. You can adjust the voltage/current stepping by pressing the left and right keys to moving the cursor.

It supports output timer function and programs by the front panel, which will bring great convenience. Its built-in RS232 and USB communication interfaces make the communication much faster.

## Specifications

Parameter		IT6832A
Output Ratings (0 °C - 40 °C)	Voltage	0~32V
	Current	6A
	Power	192W
Load Regulation ±(% of output+offset)	Voltage	≤0.01 % +5mV
	Current	≤0.01 % +3mA
Line Regulation ±(% of output+offset)	Voltage	≤0.01 % +5mV
	Current	≤0.01 % +3mA
Setup Resolution	Voltage	1mV
	Current	0.1mA
Readback Resolution	Voltage	1mV
	Current	0.1mA
Setup Accuracy ±(% of output+offset)	Voltage	≤0.04 % +8mV
	Current	≤0.1 % +5mA
Readback Accuracy ±(% of output+offset)	Voltage	≤0.04 % +8mV
	Current	≤0.1 % +5mA
Ripple (20Hz~20MHz)	DMV	≤3mVp-p and 1mVrms
	DMA	< 9mArms
	CMA	< 1.5uArms

## Feature

- VFD display
- Numerical keys operation
- Low ripple and low noise
- Intelligent fans cooling to save energy and reduce noise
- Built-in RS232/USB communication interface, optional GPIB interface
- Monitor by computer via software
- List function: voltage/current output by programming
- Knob adjust function
- Voltage/current stepping adjust by cursor
- SCPI communication protocol, compatible with IT6800 frame communication protocol
- Output timer function (range 0.1~9999.9S)

## Standard accessories

- Power cord
- Calibration report
- User's manual