



IT6800 series DC Power Supply



IT6800 series power supply (18V-150V/90W~216W) supplies high power output with high resolution 10mV, 10mA. It has highlight VFD display and support GPIB, USB, RS1232 communication interfaces. And free software PV6800 is provided.

Specifications

Parameter		IT6831
Rating value (0 °C - 40 °C)	Voltage	0~18V
	Current	0~10A
	Power	180W
Load Regulation ±(% of output+offset)	Voltage	<0.01%+3mV(≤ 3A) <0.02%+5mV(≤ 10A)
	Current	<0.01%+3mA
Line Regulation ±(% of output+offset)	Voltage	<0.01%+3mV
	Current	<0.1%+2mA
Setup Resolution	Voltage	10mV
	Current	10mA
Readback Resolution	Voltage	10mV(<20V) 100mV(≥ 20V)
	Current	10mA
Setup Accuracy ±(% of output+offset)	Voltage	<0.05%+10mV
	Current	<0.2%+10mA
Readback Accuracy ±(% of output+offset)	Voltage	<0.05%+15mV(<20V) <0.05%+120mV(≥ 20V)
	Current	<0.1%+12mA
Ripple	Vpp	3mVp-p
	Irms	5mA _{rms}
Dimension (mm)	214.5W*88.2H*354.6D	
Weight	8.5Kg	

Feature

- VFD Display
- Low ripple and low noise
- 1/2 2U size
- Operation mode: CC/CV
- Support GPIB/USB/RS232 communication interface
- High accuracy and stability
- Free software for control and calibration
- Intelligent fans cooling
- LVP/LCP/OTP function
- Input voltage/current by digital keys
- 16 operation states storage

Standard accessories

- Power cord
- Calibration report
- User's manual