



IT6302 Triple output DC Power Supply



IT6302 is an isolated three-channel programmable DC power supply with high accuracy and high resolution. The channels are isolated with each other which could be connected in serial or parallel to get higher voltage or current.

Specifications

Parameter		IT6302
Rating value (0 °C - 40 °C)	Voltage	0~30V*2,0~5V*1
	Current	0~3A*2,0~3A*1
	LVP	0~31V*2,0~6V*1
Load Regulation ±(% of output+offset)	Voltage	≤0.02%+4mV
	Current	≤0.2%+3mA
Line Regulation ±(% of output+offset)	Voltage	≤0.02%+4mV
	Current	≤0.2%+3mA
Setup Resolution	Voltage	10mV
	Current	1mA
Readback Resolution	Voltage	10mV
	Current	1mA
Setup Accuracy ±(% of output+offset)	Voltage	≤0.06%+20mV
	Current	≤0.2%+10mA
Readback Accuracy ±(% of output+offset)	Voltage	≤0.06%+20mV
	Current	≤0.2%+10mA
Ripple	Voltage	≤1mVrms/5mVp-p
	Current	≤6mVrms
Serial operating accuracy	Voltage	≤0.5%+30mV
	Current	≤0.2%+15mA
Parallel operating accuracy	Voltage	≤0.2%+30mV
	Current	≤0.2%+25mA

Feature

- Three-channel voltage output
- Can be used in series or in parallel connection
- Voltage/current value of all 3 channels can be displayed at the same time
- 1/2 2U size
- VFD Display
- Set voltage and current value with rotary knob
- OVP and OTP function
- Low ripple and low noise
- Voltage/current stepping adjust by cursor
- Output timer function (range 1~99999.9S)

Standard accessories

- Power cord
- Calibration report
- User's manual