



## IT6302 Triple output DC Power Supply



IT6302 triple output programmable DC power supply, the output voltage or current of each channel can be set from 0 to max rated value. The triple output power supply provides you with high-resolution, high accuracy and high stability, and supports over voltage, over temperature protection; Provides a serial or parallel mode, used to extend the voltage or current output capacity. Resolution reaches up to 10mV/1mA that it can meet the needs of a variety of applications, and is a great choice for University or R & D department and the manufacturer.

## Specifications

Parameter		IT6302
Rating value (0 °C - 40 °C)	Voltage	0~30V×2 , 0~5V×1
	Current	0~3A×2 , 0~3A×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	≤5mVp-p
	Current	≤6mVrms

## Feature

- 3 independent, fully programmable and electrically isolated outputs
- Series or parallel operation
- Display Voltage and Current for of all 3 channels simultaneously
- Very compact foot print ( 2U x 1/2)
- Bright and easy to read display (VFD technology)
- High resolution, accuracy and stability
- Low ripple and low noise
- Optional USB/RS232/RS485 communication port
- 27 memory locations for instrument state storage & recall
- Convenient data entry via knob or numerical key pad
- Rack mount kit available

## Standard accessories

- Power cord
- Calibration report
- User's manual