



IT6302

## IT6302 Triple Output DC Power Supply

### ■ Features

- Independent ,fully programmable and electrically isolated outputs
- Display & adjust voltage and current settings for all 3 channels
- Flexible output configuration: connect CH1 or CH2 channels in parallel
- Excellent stability and regulation
- LVP(low voltage ) and OTP(over temperature protection)
- Output on / off control
- 27 memory locations for instrument state storage& recall
- Closed case calibration

### ■ IT6302 Specifications

IT6302		
Output Ratings ( 0°C~40°C)	Voltage	0 ~ 30 V × 2    0 ~ 5 V × 1
	Current	0 ~ 3 A × 2    0 ~ 3 A × 1
Load Regulation ±(%of output+offset)	Voltage	≤ 0.01 % + 3 mV
	Current	≤ 0.2 % + 3 mA
Line Regulation±(%of output+offset)	Voltage	≤ 0.01 % + 3 mV
	Current	≤ 0.2 % + 3 mA
Programmable Resolution	Voltage	10 mV
	Current	1 mA
Readback Resolution	Voltage	10 mV
	Current	1 mA
Programmming Accuracy (25°C±5°C)	Voltage	≤ 0.06 % + 20 mV
(%of output+offset)	Current	≤ 0.2 % + 10 mA
Readback Accuracy (25°C±5°C)	Voltage	≤ 0.06 % + 20 mV
(%of output+offset)	Current	≤ 0.2 % + 10 mA
Ripple and Noise	DMV	≤ 5 mVp - p / 1 mVrms
	DMA	≤ 6 mArms
Temperature (0°C~40°C) (%of output+offset)	Voltage	300 ppm / °C
	Current	300 ppm / °C
Temperature coefficient of read back value	Voltage	300 ppm / °C
±(%of output+offset)	Current	300 ppm / °C
Tracking Accuracy Sries Operation	Voltage	≤ 0.5 % + 30 mV
	Current	≤ 0.2 % + 15 mA
Tracking Accuracy Parallel Operation	Voltage	≤ 0.2 % + 30 mV
	Current	≤ 0.2 % + 25 mA
Memory	Storage/recall	27 series