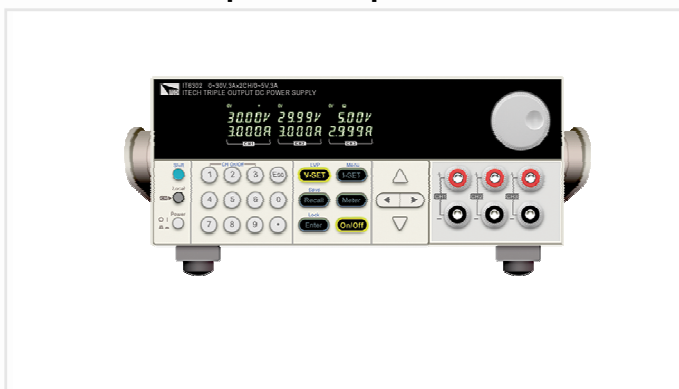




IT6302 Triple output DC Power Supply



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