



IT6322 Triple output DC Power Supply



The IT6322 is a fully programmable triple Output DC Power Supply delivering 0-30V/0-3A on 2 outputs and 0-5V/0-3A on 1 output. Each output is fully floating and outputs can be adjusted independently or connected in series or parallel to produce higher voltages or currents. The front panel keys and the control knob provide a convenient means to adjust the voltage and current of a selected output; enable or disable parallel or series tracking mode; store and recall operating states or enable/disable individual outputs. The IT6322 is ideally suited for applications in Electronic Test, Production and Service, where multiple independent DC supplies are required and bench space is at a premium.

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
- High accuracy and high regulation
- Set voltage and current value with rotary knob
- Communicate via USB, RS232 or GPIB interface (optional)
- Low ripple and low noise
- Voltage/current stepping adjust by cursor
- Output timer function (range 1~999999S)

Standard accessories

- Power cord
- Calibration report
- User's manual

Specifications

Parameter		IT6322
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	≤0.01%+3mV
	Current	≤0.1%+3mA
Line Regulation ±(% of output+offset)	Voltage	≤0.01%+3mV
	Current	≤0.1%+3mA
Setup Resolution	voltage	1mV
	current	1mA
Readback Resolution	voltage	1mV
	current	1mA
Setup Accuracy ±(% of output+offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Readback Accuracy ±(% of output+offset)	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Ripple	Voltage	≤1mVrms/3mVp-p
	Current	≤3mVrms
Temp. coefficient	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Readback temp. coefficient	Voltage	≤0.03%+10mV
	Current	≤0.1%+5mA
Serial synchronous operation	cascade synchronization error	≤0.05%+10mA
Serial parallel setting accuracy	Voltage	≤0.02%+5mV
	Current	≤0.1%+20mA
Memory	Save/recall	50 groups
Timer	Time setting	1S~999999S
	Resolution	1s