



IT6153 30V / 18A / 540W

The IT6100 series are single output programmable power supplies with 0.1mV, 0.01mA High resolution, and built in 5 ½ Digital Voltage Meter. With the high precision and high rise speed (20mS), they were designed to meet the needs of today's high end applications in R&D design verification, university labs, production testing and other applications that require clean/reliable power and excellent performance.



■ Feature

- Precision Liner Programmable Power supply
- USB/GPIB/RS232 Interface
- Fast Transient Response Time
- High rise time < 30mS
- SCPI Compatible
- VFD Display
- Fast, low-noise outputs
- 1mV & 1mA Resolution
- Built-in 5 ½ Digital Voltage Meter
- 2U Standard 19
- Remote Sensing

■ Specifications

Output Ratings	Voltage	0-30V
	Current	0-18A
Load Regulation	Voltage	<0.01%+1mV
	Current	< 0.1%+5mA
Line Regulation	Voltage	<0.02%+1mV
	Current	<0.01%+1mA
Setup Resolution	Voltage	1mV
	Current	1mA
Setup Accuracy	Voltage	<0.02%+6mV
	Current	<0.1%+15mA
Readback Resolution	Voltage	1mV
	Current	1mA
Readback Accuracy	Voltage	<0.02%+3mV
	Current	<0.05%+10mA
Ripple(20-20MHz)	Voltage	4mVp-p
	Current	5mA rms
Temperature	Operating	0 to 40 °C ≤ 75 R.H.
	Storage	-15 to 70 °C ≤ 85 R.H.
Dimension	W*H*D(mm)	429 * 88.2 * 458.9
Weight	Net	29Kg

■ Standard Accessories

- AC Line Cord
- USER Manual
- Calibration Report

■ Optional Accessories

- IT-E131 RS232 Communication Cable
- IT-E132 USB Communication Cable
- IT-E135 GPIB Communication Cable
- IT-E151 19" Rack Mount Kit
- IT-E161 0-10V analog interface for setting and monitoring
- IT-E162 Digital control interface