



IT6500 series DC Programmable Power Supply



IT6500 series programmable power supply with 1mV 1mA high resolution and accuracy. IT6500 series products can function in CV or CC mode, integrated voltage sequence according to DIN 40839. It is the best solution for your laboratory tests, production tests and other applications with a small size of 1U.

Specifications

Parameter		IT6512
Rating value (0 °C - 40 °C)	Voltage	0~80V
	Current	0~60A
	Power	0~1200W
Load Regulation ±(% of output+offset)	Voltage	<0.01%+8mV
	Current	<0.1%+10mA
Line Regulation ±(% of output+offset)	Voltage	<0.02%+2mV
	Current	<0.02%+2mA
Setup Resolution	Voltage	1mV
	Current	1mA
Readback Resolution	Voltage	1mV
	Current	1mA
Setup Accuracy ±(% of output+offset)	Voltage	<0.02%+30mV
	Current	<0.1%+0.1%FS
Readback Accuracy ±(% of output+offset)	Voltage	<0.02%+30mV
	Current	<0.1%+0.1%FS
Ripple	Vpp	<30mVp-p
	Irms	20mArms
Temp. Coefficient (0 °C ~ 40 °C) ±(% of output+offset)	Voltage	<0.02%+30mV
	Current	<0.05%+10mA
Dimension (mm)	415mmW×44.5mmH×500mmD	
Weight	8.5kg	

Feature

- VFD Display
- High accuracy and high resolution with 1mV/1mA
- Low ripple and low noise
- Adjustable rising time and decending time
- Integrated voltage sequence according to DIN 40839
- 1U size
- Built-in USB/RS232/RS485/GPIB communication interface
- Connected in serial or parallel
- Remote sense function
- Intelligent fans cooling to save energy and reduce noise
- SCPI communication protocol

Standard accessories

- Power cord
- Calibration report
- User's manual