



IT6502D DC Programmable Power Supply



IT6502D is a flexible range single output high power supply. Standard USB, RS232, RS485 and GPIB interfaces included on the rear panel provide flexibility for remote operation of the power supply. Its compact size form factor makes it ideal for use in a standard 19-inch rack. IT6500D series is specially designed for automobile electronic industry.

Specifications

Parameter		IT6502D
Rating value (0 °C - 40 °C)	Voltage	0~80V
	Current	0~60A
	Power	0~800W
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
Readback temp. coefficient ±(% of output+offset)	Voltage	≤0.02%+30mV
	Current	≤0.05%+5mA
Dimension (mm)	415mmW×44mmH×500mmD	
Weight	8.5kg	

Feature

- VFD Display
- High accuracy and high resolution
- Low ripple and low noise
- Built-in USB/RS232/RS485/GPIB communication interface
- External analog control function
- 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

All data are subject to change without notice.