



## Model IT6900A Programmable Power Supply

### IT6900A Series DC Programmable Power Supply

IT6900A Series DC Programmable Power Supplies have utilized the latest technology, with multiple functions and high performance, making the operation easier.

The power/ voltage/ current range are 100W-600W、0-60V and 0-25A. The output voltage and current are limited by the power. That's to say, reducing the output current can get a higher output voltage or through reducing output voltage to achieve a higher current. So one unit can meet different demand.

- VFD display
- Output on status controlled by switch
- High accuracy and high resolution
- Low ripple and noise
- Intelligent fan control
- Standard communication interface RS232/USB/GPIB
- Output voltage and current values accordance with procedure
- Can use the knob to adjust the voltage and current
- Can adjust the numbers steps using the cursor
- Can set the output timer(0.1 ~ 99999.9 s)

Parameter		IT6952A
Output Ratings ( 0 °C~40 °C)	voltage	0~60V
	current	0~25A
	power	600W
Load Regulation ±( % of output+offset)	voltage	≤0.01%+15mV
	current	≤0.1%+10mA
Line Regulation ±( % of output+offset)	voltage	≤0.01%+15mV
	current	≤0.1%+10mA
Setup Resolution	voltage	1mV
	current	0.1mA
Readback Resolution	voltage	1mV
	current	0.1mA ( < 10A) 1mA ( > 10A)
Setup Accuracy ( within 12 months ) (25°C±5°C) ±( % of output+offset)	voltage	≤0.03%+5mV
	current	≤0.1%+25mA
Readback Accuracy ( within 12 months ) (25°C±5°C) ±( % of output+offset)	voltage	≤0.03%+5mV
	current	≤0.1%+25mA
Ripple (20Hz ~20MHz)	voltage	≤20mVp-p
	current	≤15mA <sub>rms</sub>
Sample rate	10HZ/S	
Dimension ( mm )	214.5mmW×88.2mmH×445mmD	
Weight	15Kg	