



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 | | IT6942A |
|---|---------------------------|------------------------------|
| Output Ratings (0 °C~40 °C) | voltage | 0~60V |
| | current | 0~15A |
| | power | 360W |
| Load Regulation ±(% of output+offset) | voltage | ≤0.01%+8mV |
| | current | ≤0.05%+6mA |
| Line Regulation ±(% of output+offset) | voltage | ≤0.01%+8mV |
| | current | ≤0.05%+6mA |
| 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%+15mA |
| Readback Accuracy (within 12 months) (25°C±5°C) ±(% of output+offset) | voltage | ≤0.03%+5mV |
| | current | ≤0.1%+15mA |
| Ripple (20Hz ~20MHz) | voltage | ≤15mVp-p |
| | current | ≤8mArms |
| Sample rate | 10HZ/S | |
| Dimension (mm) | 214.5mmW×88.2mmH×354.6mmD | |
| Weight | 7.7Kg | |