

3631A TRIPLE OUTPUT DC POWER SUPPLY

The DC POWER SUPPLY FOR EVERY ENGINEER



- ※ Triple output
- ※ Tracking mode of $\pm 25V$ outputs
- ※ Low ripple and noise
- ※ Excellent load and line regulation
- ※ Easy-to-use numerical keyboard and knob control
- ※ Highly visible vacuum-fluorescent display
- ※ USB, RS-232 and GPIB(Optional) interface
- ※ SCPI (Standard Commands for Programmable Instruments) compatibility
- ※ Maximum output limitation
- ※ Operating parameters storage
- ※ Portable, ruggedized case with non-skid feet



This triple output dc power supply provides the stable and reliable dc power that the R&D engineer needs. It has two tracking 25V outputs, which are together referenced to a floating common, and an isolated 6 volt output. It is easy to control from the front panel, or with industry standard SCPI commands via the RS232, USB or GPIB. The low noise, excellent regulation make this reliable power supply well suited for your design and test requirements.

SPECIFICATIONS (25°C \pm 5°C)

Output Ratings			
Voltage Output	0~+6V	0~+25V	0~-25V
Current Output	0~5A	0~1A	0~1A
Ripple and Noise from 20Hz to 20MHz			
Voltage	<0.35mVrms/2mVp-p	<0.35mVrms/2mVp-p	<0.35mVrms/2mVp-p
Current	<2mArms	<500uArms	<500uArms
Common mode current	<1.5uArms		
Load Regulation			
Voltage	<0.01%+2mV		
Current	<0.01%+250uA		
Line Regulation			
Voltage	<0.01%+2mV		
Current	<0.01%+250uA		
Programming Accuracy			
Voltage	0.1%+5mV	0.05%+20mV	0.05%+20mV
Current	0.2%+10mA	0.15%+4mA	0.15%+4mA
Readback Accuracy			
Voltage	0.1%+5mV	0.05%+10mV	0.05%+10mV
Current	0.2%+10mA	0.15%+4mA	0.15%+4mA
Programming Resolution			
Voltage	0.5mV	1mV	1mV
Current	0.5mA	0.1mA	0.1mA
Readback Resolution			
Voltage	0.5mV	1mV	1mV
Current	0.5mA	0.1mA	0.1mA
Meter Resolution			
Voltage	1mV	10mV	10mV
Current	1mA	1mA	1mA
AC Input Ratings	110V/220V AC \pm 10%, 47Hz~63Hz, 350VA Max		
Operating Temperature	0~55°C, 0~80%RH		
Weight	8.2Kg		
Dimensions	212.6mmW x 132.6mmH x 360mmD (8.4 x 5.2 x 14.2 in)		