

2200 Programmable Single-Channel DC Power Supplies with Remote Sensing



30-SECOND SELL

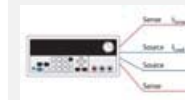
“The Series 2200 single-channel power supplies provide superior accuracy, more resolution, and an excellent set of features for both manual and automated testing. Remote sensing ensures that the output voltage overcomes any voltage drops in the test leads and that the programmed voltage is accurately applied to the load.”

PRODUCT HIGHLIGHTS

- Low noise, linear regulation
- 0.03% basic voltage output
- 0.05% basic current accuracy
- 1mV and 0.1mA output and measurement resolution
- Seven programmable output lists with up to 80 steps/list
- GPIB and USB interfaces



Series 2200 rear panel.



Remote sensing compensates for voltage drops in the test leads by extending the power supply feedback loop to the input of the load.

MODEL	STOCK CODE	MAX OUTPUT VOLTAGE	MAX OUTPUT CURRENT	POWER	RIPPLE AND NOISE
2200-20-5	2074730	20V	5A	100W	<1mV _{RMS} , <3mVP-P
2200-30-5	2074731	30V	5A	150W	<1mV _{RMS} , <4mVP-P
2200-32-3	2074732	32V	3A	96W	<1mV _{RMS} , <4mVP-P
2200-60-2	2074733	60V	2.5A	150W	<1mV _{RMS} , <5mVP-P
2200-72-1	2074735	72V	1.2A	86W	<1mV _{RMS} , <3mVP-P

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RECOMMENDED ACCESSORIES

CS-1638-12	Rear Panel Mating Connector, Single Channel	NIC
USB-B-1	USB Cable	NIC
4299-7	Fixed Rack Mount Kit	NIC
KPCI-488LPA	IEEE-488 Interface Board for PCI Bus	2077470
7007-05	Double Shielded IEEE-488 Cable, 0.5m (1.6ft)	NIC
7007-1	Double Shielded IEEE-488 Cable, 1m (3.2 ft)	2131242
7007-2	Double Shielded IEEE-488 Cable, 2m (6.5 ft)	2131243
7007-3	Double Shielded IEEE-488 Cable, 3m (10 ft)	NIC
7007-4	Double Shielded IEEE-488 Cable, 4m (13 ft)	NIC

RECOMMENDED SERVICE

Model Number*-EW	1 additional year of factory warranty
C/Model Number*-3Y-STD	3 calibrations within 3 years of purchase
C/Model Number*-3Y-DATA	3 (ANSI-Z540-1 compliant) calibrations within 3 years of purchase
C/Model Number*-5Y-STD	5 calibrations within 5 years of purchase
C/Model Number*-5Y-DATA	5 (ANSI-Z540-1 compliant) calibrations within 5 years of purchase

* Insert Model Number. Example: C/2200-20-5-3Y-DATA.

SHIPS WITH PRODUCT

- User Documentation and Driver CD
- Rear Panel Mating Connector
- Calibration Certificate
- Power Cord
- 3-year Warranty


ANOTHER PRODUCT FOR CONSIDERATION



If more than one power supply output is needed, consider the **Series 2200/2230 Multichannel Programmable Power Supplies**. For testing a portable, battery-operated product, consider a **Series 2300 Battery Simulating** supply.

See page 128

TOOLS FOR THE CUSTOMER

 Data Sheet

FOR MORE INFO VISIT
TEK.COM/DC-POWER-SUPPLY/SERIES-2200-USB-AND-GPIB-PROGRAMMABLE-DC-POWER-SUPPLIES

3 Reasons to Buy this Product

- 1 For portable devices in which minimum power consumption is critical, the 0.1mA resolution of these power supplies allows you to measure sleep and idle load currents to verify that your device truly meets its targeted power consumption.
- 2 Save time using the list mode to store and later easily run automated voltage sweeps.
- 3 Quickly compare actual outputs with the voltage and current setting values on the dual-line display.