Features

PS2510/PS2510G
- Single Output
- 0 to 36 V, 0 to 3.5 A
- Digital LED Output Indicator
- SCPI Compatible (PS2510G)

PS2511/PS2511G
- Single Output
- 0 to 20 V, 0 to 7 A
- Digital LED Output Indicator
- SCPI Compatible (PS2511G)

PS2520/PS2520G
- Triple Output
- One 0 to 6 V, 0 to 3 A
- Two 0 to 36 V, 0 to 1.5 A
- Digital LED Output Indicator
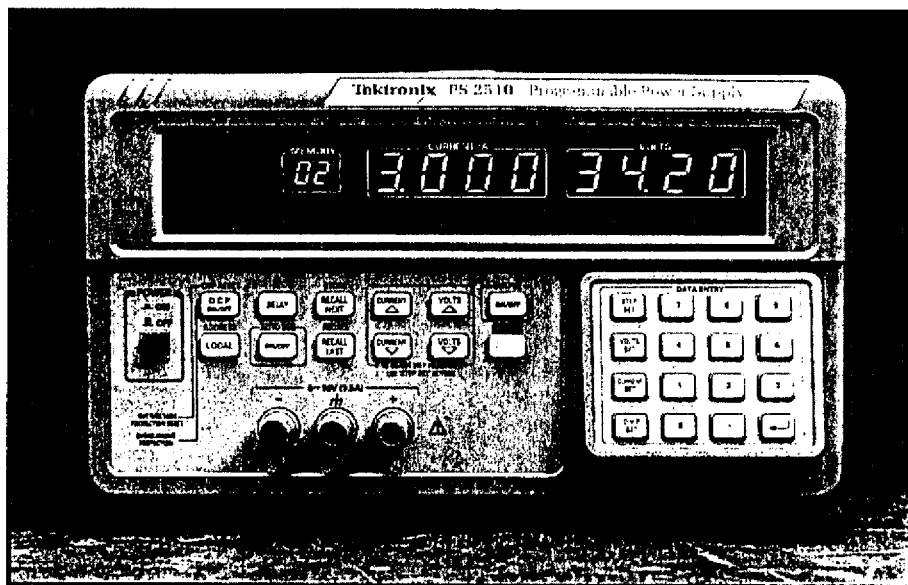- SCPI Compatible (PS2520G)

PS2521/PS2521G
- Triple Output
- One 0 to 6 V, 0 to 5 A
- Two 0 to 20 V, 0 to 2.5 A
- Digital LED Output Indicator
- SCPI Compatible (PS2521G)

Applications

- Training
- Manufacturing Production Test
- Field Repair
- Bench Calibration and Repair
- Product Design

PS2510/PS2510G/ PS2511/PS2511G

The single output PS2510/PS2510G and PS2511/PS2511G Power Supplies are especially suited to low-cost computer controlled systems. The PS2510/PS2510G provide a maximum of 36 V and 3.5 A. The PS2511/PS2511G are rated up to 20 V and 7.0 A.

The PS2510G and PS2511G are GPIB programmable. The GPIB command sets are SCPI compatible.

Each power supply features 100 memories to store voltage and current limits for instant recall via the front panel or GPIB.

PS2520/PS2520G/ PS2521/PS2521G

The triple output PS2520/PS2520G and PS2521/PS2521G Power Supplies are versatile supplies suitable for many applications. The PS2520/PS2520G has a single supply providing a maximum of 6 V and 3 A and two supplies providing a maximum of 36 V and 1.5 A. The PS2521/PS2521G has a single supply providing a maximum of 6 V and 5.0 A and two supplies providing a maximum of 20 V and 2.5 A.

The supplies can be operated in one of three modes: independent, series, or parallel. In the independent mode, the output voltage and current of each supply are controlled independently. In the two tracking modes, the variable outputs are connected either in series or in parallel; the controls of the master power supply adjust the voltage or current of both power supplies.

The PS2520G and PS2521G are GPIB programmable. The GPIB command sets are SCPI compatible.

Each power supply features 100 memories to store voltage and current limits for instant recall via the front panel or GPIB.

Programmable Benchtop Power Supplies
PS2510 • PS2510G • PS2511 • PS2511G • PS2520 • PS2520G • PS2521 • PS2521G

KEY SPECIFICATIONS

	PS2510/PS2510G	PS2511/PS2511G	PS2520/PS2520G	PS2521/PS2521G
Number of Outputs	1	1	3	3
Output Voltage	0 to 36 V	0 to 20 V	0 to 6 V, 0 to 36 V (two)	0 to 6 V, 0 to 20 V (two)
Output Current	0 to 3.5 A	0 to 7 A	0 to 3 A (6 V), 0 to 1.5 A (36 V)	0 to 5 A (6 V) 0 to 2.5 A (20 V)
Voltage Accuracy	0.025% + 25 mV	0.025% + 25 mV	0.05% 5 mV + 25 mV	0.05% 5 mV + 25 mV
Current Accuracy	0.2% + 10 mA	0.2% + 10 mA	0.2% + 10 mA	0.2% + 10 mA
Programmable Voltage Resolution	10 mV	10 mV	10 mV	10 mV
Programmable Current Resolution ·	1 mA	1 mA (2 mA >3.5 A)	1 mA	1 mA
Display	Digital, LED	Digital, LED	Digital LED	Digital, LED
Auto-series/Parallel Operation	N/A	N/A	Yes	Yes
Auto-master/Slave Tracking	N/A	N/A	Yes	Yes
Internal Memory	Yes, 100	Yes, 100	Yes, 100	Yes, 100
GPIB (SCPI)	Yes, PS2510G	Yes, PS2511G	Yes, PS2520G	Yes, PS2521G
Constant Voltage Mode	Yes	Yes	Yes	Yes
Constant Current Mode	Yes	Yes	Yes	Yes
Variable Current Limit	Yes	Yes	Yes	Yes
Over-voltage Protection	Yes	Yes	Yes	Yes
Over-current Protection	Yes	Yes	Yes	Yes
Dual 4-Digit Panel Meter	Yes	Yes	Yes	Yes
Safety Certifications	ETL, CSA	ETL, CSA	ETL, CSA	ETL, CSA

ORDERING INFORMATION

For price information: Outside the U.S. contact your local Tektronix representative, inside the U.S. see the price list in the back of this catalog.

PS2510
Single Output Programmable Power Supply.

PS2510G
Single Output Programmable Power Supply.

PS2511
Single Output Programmable Power Supply.

PS2511G
Single Output Programmable Power Supply.

PS2520
Triple Output Power Supply.

PS2520G
Triple Output Programmable Power Supply.

PS2521
Triple Output Programmable Power Supply.

PS2521G
Triple Output Programmable Power Supply.
All Include: User Manual, US Power Cord, 1 Pair Black/Red Test Leads.

AVAILABLE ACCESSORIES
Programmer's Manual – Included with |PS2510G, PS2511G, PS2520G, PS2521G. Order 070-8069-00.

SERVICE ASSURANCE OPTIONS
These products covered by the following service assurance options:

REP4100 – Provides one year of post-warranty Repair Protection.

CAL4100 – Provides one year of Calibration Services.

Product(s) available through your local Tektronix Distributor listed in the back of this catalog.

See Tektronix on the World Wide Web:
http://www.tek.com

ISO 9001 *Tektronix Measurement products are manufactured in ISO registered facilities.*