

Programmable Power Supplies

PS2520G • PS2521G

FEATURES & BENEFITS

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
- One Year Warranty

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
- One Year Warranty

APPLICATIONS

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

PS2520G/PS2521G

The triple output PS2520G and PS2521G Power Supplies are versatile supplies suitable for many applications. The 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 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. Both have a dual 4-digit LED display.

Key Specifications

	PS2520G	PS2521G
Number of outputs	3	3
Output voltage	0 to 6 V, 0 to 36 V (two)	0 to 6 V, 0 to 20 V (two)
Output current	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	0.05% 5 mV + 25 mV	0.05% 5 mV + 25 mV
Current accuracy	0.2% + 10 mA	0.2% + 10 mA
Programmable voltage resolution	10 mV	10 mV
Programmable current resolution	1 mA	1 mA
Display	Digital, LED	Digital, LED
Auto-series/parallel operation	Yes	Yes
Auto-master/slave tracking	Yes	Yes
Internal memory	Yes, 100	Yes, 100
GPIB (SCPI)	Yes	Yes
Constant voltage mode	Yes	Yes
Constant current mode	Yes	Yes
Variable current limit	Yes	Yes
Over-voltage protection	Yes	Yes
Over-current protection	Yes	Yes
Dual 4-digit panel meter	Yes	Yes
Safety certifications	UL1244, CSA231, EN61010-1	UL1244, CSA231, EN61010-1
EMC	Meets Directive 89/336/EEC	Meets Directive 89/336/EEC