N8945A Autoranging System DC Power Supply, 80 V, 340 A, 10000 W, 400 VAC

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Key Features & Specifications

DC output ratings

- Voltage: 0 to 80 V
- Current: 0 to 340 A
- Power: 10000 W

AC input

- Voltage range: 360 - 440 VAC

Programming accuracy

- Voltage: 0.1% of full-scale
- Current: 0.2% of full-scale

Description

The Keysight N8900 Series provides 5 kW, 10 kW, and 15 kW autoranging, single-output programmable DC power for ATE applications that require just the right amount of performance at just the right price. The N8900 Series power supplies' autoranging output characteristic enables unprecedented flexibility by offering a wide range of voltage and current combinations at full power. Power supplies with “rectangular,” or traditional, output characteristics provide full power at only one voltage and current combination. Just one N8900 does the job of multiple power supplies. It's like having many power supplies in one!

The N8900 Series provides stable output power, built-in voltage and current measurements, and autoranging output voltage and current from 80 V to 1500 V and 10 A to 510 A. These supplies offer many system-ready features like multiple standard I/O interfaces to simplify and accelerate test-system development and compact 3U design to save rack space. If more power is required, easily parallel multiple N8900 units to create “one” power supply with >100 kW of total output power. The built-in master/slave control enables programming as if it's just one big power supply; no need to program each supply individually.

- Autoranging output – does the job of multiple power supplies!
- 5 kW, 10 kW, and 15 kW maximum output power
- Up to 1500 V and up to 510 A
- 14 different voltage, current, and power combinations available in 208 VAC or 400 VAC (28 total models)
- Just the right amount of performance at just the right price
- Easily parallel units to create “one” power supply with >100 kW of power
- Built-in voltage and current measurement
- High power density, 15 kW in only 3U (5.25” / 13.34 cm)
- Protection from over-voltage, over-current, and over-temperature
- LAN (LXI Core), USB, GPIB, and analog interfaces all standard

Product Support Center

- Technical Support
  manuals, drivers, application notes, firmware, software, ...
- Parts
- Repair & Calibration Services

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