

Bench Friendly Power Supplies Deliver More Usable Power And Large Display

[Keysight Technologies'](#) E36200 series of single and dual output power supplies delivers more usable power, bench friendly design with low background noise, small footprint and a large display. The 200-W and 400-W power supplies enables engineers to test their designs across multiple industries including automotive electronics, consumer goods, medical devices, power tools, and industrial applications.

The E36200 series power supplies provide the same measurement and advanced capabilities as the company's E36300 triple output power supply series, but deliver higher current and higher voltage in single or dual output models. Autoranging and the ability to internally combine outputs deliver higher current at more voltage settings allowing them to cover a wider range of applications (see the figure).

Customers can easily integrate the Keysight E36200 into their existing system using the rear output terminals, modern I/O and trigger port. The trigger port allows synchronization of other instruments and the ability to add an emergency shutdown control. The E36200 series supplies are controlled via standard commands for programmable instrument (SCPI) power supplies with built-in USB, LAN and optional GPIB.

Key features of the E36200 series power supplies include:

- Auto-series and auto-parallel to combine dual outputs into a single 400-W output
- Low output noise — ripple and noise <350 μ Vrms
- Accurate programming and readback accuracy <0.04%
- Accurate local two-wire and remote four-wire measurements eliminating the need for an external multimeter
- Overvoltage, overcurrent, and overtemperature to provide layers of device protection.

Pricing for the E36200 series starts at \$1,590 and includes the following autoranging, dc power supply models:

- The single-output E36231A with ratings of 30 V, 20 A and 200 W
- The single-output E36232A with ratings of 60 V, 10 A and 200 W
- The dual-output E36233A with ratings of 30 V, 20 A and 400 W
- The dual-output E36234A with ratings of 60 V, 10 A and 400 W.

For more information, see the E36200 series product [page](#).



Figure. The E36200 series of single- and dual-output power supplies provide the same measurement and advance capabilities as the company's E36300 triple-output power supply series, but deliver higher current and higher voltage. These autoranging dc power supplies offer ratings of 30 V, 20 A, 200 W or 60 V, 10 A, 200 W with single output; or ratings of 30 V, 20 A, 400 W or 60 V, 10 A, 400 W with dual output.