

Keysight E36100B Series DC Power Supplies

Power Forward

Designs change—and so should your DC power supply. Meet the E36100B, engineered by Keysight to power your designs safely and quietly during manual tests or automated sequences. From every angle—size, display, and I/O—the E36100B will impress you. Add one to your bench and power forward.



From every angle—size, display, and I/O—the E36100B will impress you.

Put an E36100B Series DC power supply on your bench.

- Save space on your bench or in the rack with the compact, ¼-rack form factor.
- Set up the E36100B quickly and predictably through the alphanumeric OLED display and intuitive on-screen menu system.
- Easily see the front-panel readout, even from wide angles.

Control your E36100B Series DC power supply remotely.

- Connect easily with full LXI LAN and USB (TMC488).
- Accelerate automation of complex or repetitive testing via SCPI or IVI programming.
- Control the power supplies easily via the built-in Web interface, BenchVue, or Keysight IO Libraries.
- Enhance system throughput and improve test quality with high-speed output control and fast command processing.

Power your DUT accurately and safely.

- Characterize low-power devices over wide ranges using low-range current readback.
- Protect your device under test (DUT) with overvoltage and overcurrent detection.
- Power your DUT with confidence through excellent accuracy in programming and readback.



No.	Description
A	Tough carrying handle
B	Information-packed, high-contrast OLED display; easily viewable even from sharp angles
C	Rotary knob for quick and easy configuration
D	Fast voltage/current setting and front-panel electronic calibration
E	Menu key opens intuitive user interface
F	Front-panel lock prevents accidental changes during tests
G	Output enable/disable switch to protect your DUT quickly
H	Dual-position power switch
I	Sense terminals
J	Output terminals
K	Earth ground reference point



The two switches on the bottom of the instrument make it easy to configure your power supply for different input voltages. See the product manual for details.

www.keysight.com/find/E36100B

Connect for computer control with standard LXI/LAN and USB connectivity.

Use the security slot to keep the power supply on your bench.



Recessed Binding Posts

Specifications and characteristics

	E36102B	E36103B	E36104B	E36105B	E36106B
Size	2U x 1/4 Rack (98.6 mm H x 106.4 mm W x 367.6 D)				
Output power	30 W	40 W	35 W	36 W	40 W
Output volt/Curr	6 V, 5 A	20 V, 2 A	35 V, 1 A	60 V, 0.6 A	100 V, 0.4 A
I/O interfaces	All models include USB and LAN (LXI Core)				
Readback accuracy 12 months (25 + 5 °C), ± (% output + offset)					
Current	0.05% + 4 mA	1 mA	0.5 mA	0.3 mA	0.2 mA
Low range current	0.25% + 40 µA	40 µA	40 µA	40 µA	40 µA
Max load range current	20 mA	8 mA	4 mA	3 mA	2 mA
Command processing time					
	< 10 ms	< 10 ms	< 10 ms	< 10 ms	< 10 ms
Up/down programming settling time to within 1% of total excursion					
Up, full load	25 ms	50 ms	50 ms	50 ms	75 ms
Up, no load	25 ms	50 ms	50 ms	50 ms	75 ms
Down, full load	25 ms	25 ms	25 ms	30 ms	35 ms
Down, no load	100 ms	150 ms	150 ms	250 ms	300 ms

Option	Description
J01	Recessed binding posts
UK6	Commercial calibration with test result data
E36110A	Rack mount kit
BV0003B	Power supply control and automation

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