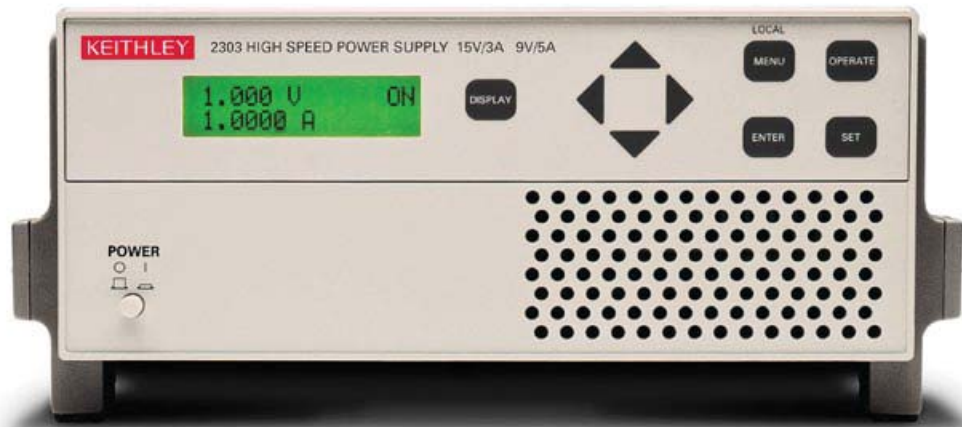


2303/2304A High Speed Power Supplies



30-SECOND SELL

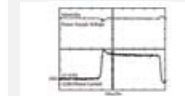
“The Model 2303 and 2304A high speed power supplies maintain a stable output voltage even when a portable, battery-operated device transitions from a low power, idle state to a full power state nearly instantaneously. Measure power consumption of any portable device including wireless devices with high performance measurement technology.”

PRODUCT HIGHLIGHTS

- Ultra-fast response times to load changes
- Optimized for battery-powered device testing
- 100nA current measurement sensitivity
- Load pulse current measurement: 33 μ s - 833 μ s
- Measure sleep, standby currents, and full load currents to determine power consumption
- Sink current to simulate a discharged battery



Model 2303 or 2304A rear panel.



Keithley's high speed power supplies maintain a stable voltage during large load changes.

MODEL	STOCK CODE	CHANNELS	MAX OUTPUT VOLTAGE / CURRENT	POWER	TRANSIENT RESPONSE TO A 10X LOAD CURRENT CHANGE	CURRENT SINK CAPACITY
2303	2131307	Single Output	15V/3A or 9V/5A	45W	<40 μ s recovery time and <100mV voltage drop	2A
2304A	NIC	Single Output	20V/5A	100W	<40 μ s recovery time and <100mV voltage drop	3A

2303/2304A High Speed Power Supplies

RECOMMENDED ACCESSORIES

2304-DISP	Remote Display (2303, 2304A)
CS-846	Mating Output Connector
SC-182	Low Inductance Coaxial Cable
4288-1	Single Fixed Rack Mount Kit
4288-2	Dual Fixed Rack Mount Kit
KPCI-488LPA	IEEE-488 Interface Board for PCI Bus
KUSB-488B	IEEE-488 USB-to-GPIB Interface Adapter
7007-05	Double Shielded IEEE-488 Cable, 0.5m (1.6ft)
7007-1	Double Shielded IEEE-488 Cable, 1m (3.2 ft)
7007-2	Double Shielded IEEE-488 Cable, 2m (6.5 ft)
7007-3	Double Shielded IEEE-488 Cable, 3m (10 ft)
7007-4	Double Shielded IEEE-488 Cable, 4m (13 ft)

RECOMMENDED SERVICE

Model Number*-3Y-EW	1-year factory warranty extended to 3 years from date of shipment
C/Model Number*-3Y-ISO	3 (ISO-17025 accredited) calibrations within 3 years of purchase for Models 2303, 2303-PJ*

* Insert Model Number. Examples: 2303-3Y-EW, C/2303-3Y-ISO.

SHIPS WITH PRODUCT

- User Documentation
- Rear Panel Mating Connector
- Calibration Certificate
- Power Cord
- 1-year Warranty


ANOTHER PRODUCT FOR CONSIDERATION



Consider one of Keithley's **battery simulating power supplies** that simulates the properties of a battery and has a second channel that can act like a charger.

See page 140

TOOLS FOR THE CUSTOMER

 Data Sheet

FOR MORE INFO VISIT
TEK.COM/DC-POWER-SUPPLY/SERIES-2300-BATTERY-SIMULATING-DC-POWER-SUPPLIES

3 Reasons to Buy this Product

- 1 Designed for testing portable, battery-operated devices that undergo substantial load changes for very short time intervals, these power supplies can measure pulsed load currents as short as 60 μ s and as long as 833 μ s to determine peak power output.
- 2 These power supplies offer the precision needed to measure very low-power, sleep mode load currents with 0.1 μ A sensitivity.
- 3 For testing chargers and charger-control circuitry, these power supplies can sink current and act like a discharged battery.