



Analogic's Series 2000

Superior Cost-Effective Power Test Solutions

Model 2101A Dynamic Electronic Load

The Series 2000 is a modular standalone electronic load offering superior measurement speeds and true dynamic simulation of power supply loads. The unit has 8 independent and floating load channels which may be paralleled in any combination to yield up to 2000W. Each independent load channel can handle 250W, with a maximum operating voltage of 150V. Each load channel offers the following capabilities: constant current, constant resistance, programmable high/low current settings, selectable slew rates and internal 12-bit measurement of voltage and current to eliminate the need for external DVMs and shunts.



Specifications

OPERATING CONDITIONS (ANY SINGLE CHANNEL)

Maximum Operating Current
50A/channel @ 5V

Maximum Operating Voltage
150V

Minimum Operating Voltage
4.0V @ 50A

Maximum Power Continuous
250W

Dynamic

500W @ 50% Duty Cycle

GENERAL

Power Required

500W @ 115/230V, 47 - 64 Hz

Physical Dimensions

8.72 in/222 mm (H), 19.00 in/483 mm (W),
20.60 in/523 mm (D)

Weight

45 lbs/20 kg

Features

- ☐ Front Panel Operation
- ☐ Dynamic Mode
- ☐ IEEE-488 Interface
- ☐ Data Acquisition System
- ☐ True 4-wire Sensing

Applications

- ☐ Power Supply Testing
- ☐ Battery Testing
- ☐ Relay Testing
- ☐ Burn-in Reliability Testing
- ☐ Programmable DC Resistor
- ☐ Constant Current Limiter



Model 2103A Static Electronic Load

The Model 2103A Electronic Load is a flexible cost effective solution for many power test applications. The 2103A contains a sophisticated control and measuring system which may be monitored via a 4 1/2 digit front panel display or reported over the GPIB with the standard IEEE-488 interface. An ideal solution for high volume burn-in applications, the 2103A can be operated in constant current or constant resistance modes.

The 2103A is available with 8 channels which may be operated independently or in parallel allowing the user to sink up to 2000W in one compact instrument. Channels can sink 250W continuously, with the unique capability of handling up to 150 VDC.

Features

- ☐ Direct Read Out of Voltage or Current by Front Panel Meter or via IEEE-488
- ☐ True 4-Wire Sensing

Applications

- ☐ Power Supply Testing
- ☐ Battery Testing
- ☐ Relay Testing
- ☐ Burn-in Reliability Testing
- ☐ Programmable DC Resistor
- ☐ Constant Current Limiter

Specifications

PARAMETERS

Maximum Operating Current

50 amps per channel at 5.0 VDC

Continuous Operating Power

250 watts per channel

Maximum Operating Power

500 watts per channel, 50% Duty Cycle

Minimum Operating Voltage

4.0 VDC at 50 amps, 500 mVDC
at 5.0 amps

GENERAL

Power Required

500 watts max., 115 VAC - 60 Hz

Physical Dimensions

8.75" (222 mm) H x 19.0" (483 mm)
W x 20.62" (523 mm) D

Weight

45 lbs (20 kg)

For more information contact **David Sullivan:**
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