

## 2380 Series

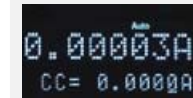


### 30-SECOND SELL

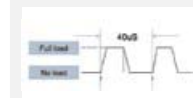
“The Series 2380 Electronic Loads enable testing of a wide range of power sources with six major operating modes including constant power, LED test and battery test modes. With 25kHz dynamic load cycling, 0.05% measurement accuracy, and resolution as low as 10 $\mu$ A, these loads can conveniently test a wide range of power supplies. Both the 2U high, half rack wide loads and the 750W load take up a minimum of valuable bench or rack space.”

#### PRODUCT HIGHLIGHTS

- Multiple operating modes: CV, CC, CR, CP, Battery Test, and LED Simulation
- 0.1 mV/0.01mA V/I readback resolution and 0.025%/0.05% V/I readback accuracy
- Up to 25 kHz dynamic cycling mode with adjustable slew rates up to 2.5A/ $\mu$ s
- Helpful features include voltage rise and fall time measurement, a current monitor output, and list mode load profiles
- Built-in GPIB, USB, RS232 interfaces



0.1 mV/0.01mA voltage/current readback resolution give you more confidence in the reading when testing your device.



Dynamic Mode up to 25kHz for faster transient validation of DC power sources.

MODEL	STOCK CODE	NUMBER OF OUTPUT	MAXIMUM POWER	MAXIMUM VOLTAGE	MAXIMUM CURRENT	OPERATING MODES	CONNECTIVITY
2380-500-15	2520638	1	200 W	500 V	15 A	CV, CC, CR, CP, Battery Test, LED Simulation	GPIB, USB, RS232
2380-120-60	2520637	1	250 W	120 V	60 A	CV, CC, CR, CP, Battery Test, LED Simulation	GPIB, USB, RS232
2380-500-30	2520639	1	750 W	500 V	30 A	CV, CC, CR, CP, Battery Test, LED Simulation	GPIB, USB, RS232

# 2380 Series

## RECOMMENDED ACCESSORIES

2380-001	9-pin Rear Panel Mating Connector
2380-002	DUT Connection Protective Cover
7007-2	Double-Shielded Premium IEEE-488 Interface Cable, 2m (6.5 ft)
KPCI-488LPA	IEEE-488.2 Interface Board for the PCI Bus
USB-B-1	USB Cable, Type A Connector to Type B Connector, 1m (3.3 ft)
4299-7	Universal Fixed Rack Mount Kit for 2380-500-15 and 2380-120-60
RMU2U	Fixed Rack Mount Kit for 2380-500-15 and 2380-120-60
386759800	RMU2U Rack Mount Cosmetic Filler Panel for 2380-500-15 and 2380-120-60
2380-RM	Full-Rack-Width Instrument Fixed Rack Mount Kit for 2380-500-30

## RECOMMENDED SERVICE

Model Number*-1-EW	3-year factory warranty from date of shipment extended 1 additional year
Model Number*-5Y-EW	3-year factory warranty from date of shipment extended to 5 years
C/Model Number*-3Y-STD	KeithleyCare 3 YR STD Calibration Plan
C/Model Number*-3Y-DAT	KeithleyCare 3 YR Calibration w/Data Plan
C/Model Number*-5Y-STD	KeithleyCare 5 YR STD Calibration Plan
C/Model Number*-5Y-DAT	KeithleyCare 5 YR Calibration w/Data Plan

\* Replace the specific power supply model number in place of Model Number to generate the appropriate model number for a service item. Example for a 2380-500-15, a 1-year extended warranty model number would be 2380-500-15-EW.

## SHIPS WITH PRODUCT

- Quick Start Guide
- Documentation CD
- Power Cords
- 9-Pin Rear Mating Connector

## TOOLS FOR THE CUSTOMER



Data Sheet

FOR MORE INFO VISIT  
[TEK.COM/DC-ELECTRONIC-LOAD/SERIES-2380](http://TEK.COM/DC-ELECTRONIC-LOAD/SERIES-2380)

## 3 Reasons to Buy this Product

- 1 More operating modes to test a wider range of devices.
- 2 Fastest dynamic load cycling, 25kHz, for testing power supply transient response.
- 3 Convenient, stand-alone benchtop instruments that do not require a mainframe and controller module to operate.