

## Series 2280S Precision Measurement DC Power Supplies

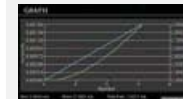


### 30-SECOND SELL

“The Series 2280S power supplies offer both clean, stable power and the sensitivity necessary for measuring low sleep mode and standby mode currents. With the ability to control the integration time and to add filtering, they can measure very low currents down to  $1\mu\text{A}$  and even slightly lower with  $10\text{nA}$  resolution.”

#### PRODUCT HIGHLIGHTS

- 10nA resolution to 6A with high accuracy, measure voltage and current with  $6\frac{1}{2}$ -digit resolution
- Capture dynamic load currents as short as  $140\mu\text{s}$
- Output up to 192W of low noise, linear regulated power
- Programmable rise and fall times eliminate voltage overshoot and undershoot transients
- Built-in graphing simplifies analyzing trends or displaying voltage or current waveforms
- GPIB, USB, and LAN interfaces, built-in LXI web interface simplifies automated control/monitoring/data logging



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Remote control or monitor the supply using its web browser over the LAN LXI interface.



KickStart software DC power supply main screen.

MODEL	STOCK CODE	MAX OUTPUT VOLTAGE/ CURRENT	OUTPUT POWER	MAX CURRENT MEASUREMENT ACCURACY	TRANSIENT RESPONSE TIME
2280S-32-6	2444031	32V/6A	192W	$\pm(0.05\% + 10\mu\text{A})$	$<50\mu\text{s}$
2280S-60-3	2444030	60V/3.2A	192W	$\pm(0.05\% + 10\mu\text{A})$	$<50\mu\text{s}$

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## RECOMMENDED ACCESSORIES

2280-001	Rear Panel Mating connector and Cover
2280-Test-Lead	Power Supply Test Lead Kit, 1000V, 20A Rating
CA-180-3A	LAN Crossover Cable
USB-B-1	USB Cable Type A to B, 1m (3.3 ft)
2450-TLINK	Trigger Link cable to connect 2280S digital I/O to Trigger Link I/O on other Keithley instruments
4299-8	Single Fixed Rack-Mount Kit
4299-9	Dual Fixed Rack-Mount Kit
4299-10	Dual Fixed Rack-Mount Kit for one 2U Graphical Display Instrument and one Series 26xx Instrument
4299-11	Dual Fixed Rack-Mount Kit for one 2U Graphical Display Instrument and one Series 24xx, Series 2000, or 2U Agilent Instrument
7007-05	Double Shielded Premium IEEE-488 Interface Cables, 0.5m (1.6 ft)
7007-1	Double Shielded Premium IEEE-488 Interface Cables, 1m (3.2 ft)
7007-2	Double Shielded Premium IEEE-488 Interface Cables, 2m (6.5 ft)
7007-3	Double Shielded Premium IEEE-488 Interface Cables, 3m (10 ft)
7007-4	Double Shielded Premium IEEE-488 Interface Cables, 4m (13 ft)
KPCI-488LPA	IEEE-488.2 Interface Board for the PCI Bus

## SHIPS WITH PRODUCT

- KickStart software
- 2280-001 output mating connector
- LAN crossover cable
- Documentation CD
- QuickStart guide
- Calibrate Certificate
- Power Cord
- 3-year Warranty

## ANOTHER PRODUCT FOR CONSIDERATION



If more than one power supply output is needed, consider the **Series 2220/2230** Multichannel Programmable Power Supplies.

**See page 128**



For more power, consider the **Series 2260B**.

**See page 130**

## TOOLS FOR THE CUSTOMER



Data Sheet

FOR MORE INFO VISIT  
[TEK.COM/DC-POWER-SUPPLY/SERIES-2280-PRECISION-MEASUREMENT-DC-POWER-SUPPLIES](http://TEK.COM/DC-POWER-SUPPLY/SERIES-2280-PRECISION-MEASUREMENT-DC-POWER-SUPPLIES)

## 3 Reasons to Buy this Product

- 1 6½-digit DMM measurement capability to observe load currents from 100nA to 6A.
- 2 High speed sampling capability, for capturing load current pulses as narrow as 140µs.
- 3 Built-in data logging, graphical display and statistics for trend analysis.