

Keithley 2280S and 2306 vs. Rohde & Schwarz NGL200

COMPETITIVE FACTSHEET

The following table provides a basic comparison between the Keithley 2280S and 2306 DC Power Supplies with the Rohde & Schwarz NGL202 Power Supply.




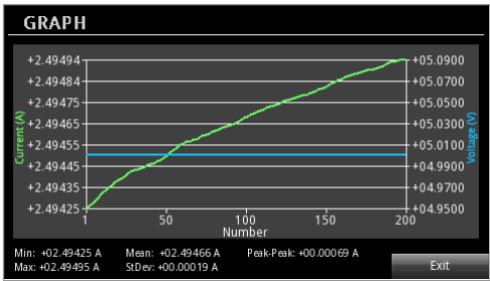

Parameter	KEI 2280S-32-6	KEI 2306-LAN	R&S NGL200
Price Comparison	40% lower than R&S		
Number of Channels	1	2 (one source and one sink)	2
Maximum DC Output Ratings			
Voltage (per channel)	0 to 32 V	0 to 15 V	0 to 20 V
Current (per channel)	6 A	≤ 4 V: 5 A > 6 V: 4 A	≤ 6 V: 6 A > 6 V: 3 A
Max Power	192 W	120 W	120 W
Max Power (per channel)	192 W	60 W	60 W
Readback Accuracy			
Voltage	< 0.02% + 2 mV	< 0.05% + 3 mV	< 0.02% + 2 mV
Current	< 0.05% + 10 μA	< 0.2% + 1 μA	< 0.05% + 250 μA
Setting and Readback Resolution			
Voltage	100 μV	1 mV	10 μV
Current	10 nA	100 nA	10 μA
Ripple and Noise			
Voltage	< 1 mV _{rms} / < 5 mV _{p-p}		< 500 μV_{rms} / < 2 mV_{p-p}
Current	< 3 mA _{rms}		< 1 mA_{rms}
Command Processing Time	< 6 ms	< 5 ms	< 6 ms
Maximum Sink Current	0.45 A *	3 A	3 A
Protection Functions	OVP, OCP, OTP	OVP	OVP, OCP, OPP , OTP
Standard Communications Interfaces	GPIB, USB, LAN	GPIB, LAN	USB, LAN
Control Software	KickStart	KickStart	HMEplorer

* Customers may use Keithley source measure units (SMUs) or 2308 Electronic Load for a higher and/or programmable sink current.

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The following page provides competitive information for the Keithley 2280S and 2306 DC Power Supplies

KEI 2280S-32-6	KEI 2306 / 2306-LAN
<ul style="list-style-type: none"> High accuracy current monitoring with readback resolution as low as 10 nA  <ul style="list-style-type: none"> Built-in graphing and statistics for viewing and analyzing data  <ul style="list-style-type: none"> Two instruments available: <ol style="list-style-type: none"> 2280S-32-6: Up to 32 V at 6 A 2280S-60-3: Up to 60 V at 3.2 A High power capability with 192 W per channel Optimized for battery-powered device power consumption test and automated testing 	<ul style="list-style-type: none"> Multiple interface options  <ul style="list-style-type: none"> High accuracy current monitoring with readback resolution as low as 100 nA Sink up to 3 A Pulse peak, average, and baseline current measurements Variable output resistance for simulating battery response at a fixed point One or two channels (one acts as source while the other acts as sink on dual channel) Optimized for development and testing of battery-powered devices. Battery charger and battery simulator

Keithley's Competitive Advantage

- Keithley's KickStart Software provides extensive control over instruments.



- Higher voltage, current, and power settings
- Competitive pricing
- Superior accuracy and readback resolution
- Statistics and graphical analysis capabilities

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