

Tektronix PWS4000 Series vs. Keithley 2200 Series

COMPARISON FACTSHEET

The following table provides a basic comparison to help you transition from the Tektronix PWS4000 Series to the Keithley 2200 Series. For additional details, refer to the datasheets on tek.com.



Parameter	PWS4000 Series	2200 Series
Number of Channels	1	1
Maximum Output Range		
Voltage	Up to 72 V	Up to 72 V
Current	Up to 5 A	Up to 5 A
Readback Accuracy		
Voltage	< 0.02% + 3 mV	< 0.02% + 3 mV
Current	< 0.05% + 2 mA	< 0.05% + 2 mA
Setting and Readback Resolution		
Voltage	1 mV	1 mV
Current	0.1 mA	0.1 mA
Ripple and Noise		
Voltage	1 mV _{RMS} / 3 mV _{pp}	1 mV _{RMS} / 3 mV _{pp}
Current	< 3 mA _{RMS}	< 3 mA _{RMS}
Line Regulation		
Voltage	<= 0.1% + 1 mV	<= 0.01% + 2 mV
Current	<= 0.5% + 0.1 mA	<= 0.5% + 0.1 mA
Load Regulation		
Voltage	<= 0.01% + 2 mV	<= 0.01% + 2 mV
Current	<= 0.5% + 0.1 mA (typical)	<= 0.5% + 0.1 mA
Protection Functions	OVP	OVP
Communications Interfaces	USB, RS-232 (optional)	USB, GPIB
Weight	Up to 7.3 kg / 16.0 lb.	7.3 kg / 16.0 lbs.
Basic Warranty	3 yr.	3 yr.
Control Software	N/A	KickStart 2.7.0 (and later)
Control Input, Status Output	Multi-function TTL for trigger, DIO	Multi-function TTL for trigger, DIO

Obsolete Models	Suggested Replacement
PWS4205	2200-20-5
PWS4305	2200-30-5
PWS4323	2200-32-3
PWS4602	2200-60-2
PWS4721	2200-72-1