Selector Guide High Speed Power Supplies

Model	2302	2303	2303B	2303-PJ	2304A	2306	2306-PJ
Number of Channels	1	1	1	1	1	2	2
Power Output	Function of V; optimized for maximum current at low V	45 W	45 W	45 W	100 W	Function of V and power consumed by other channel; optimized for maximum current at low V	Function of V and power consumed by other channel; optimized for maximum current at low V
Voltage Output	0–15 V	0–15 V	0–15 V	0–15 V	0–20 V	0–15 V	0–15 V
Maximum Continuous Current Output	5 A @ 4 V	5 A @ 9 V	5 A @ 9 V	5 A @ 9 V	5 A @ 20 V	5 A @ 4 V	5 A @ 4 V
Variable Resistance Output	0–1 Ω 10mΩ resolution					0–1 Ω 10 mΩ resolution (in channel 1)	0–1 Ω 10 mΩ resolution (in channel 1)
Current Sink Capacity	3 A	2 A	2 A	2 A	3 A	3 A	3 A
DC Current Measurement Sensitivity	100 nA	100 nA	100 nA	10 μA	100 nA	100 nA	10 μA (Ch. 1) 100 nA (Ch. 2)
Dynamic Current Measurement	5 A range: 33 μs–833 ms integration times	5 A range: 33 μs–833 ms integration times	5 A range: 33 μs–833 ms integration times	500 mA and 5 A ranges: 33 μs–833ms integration times	5 A range: 33 μs–833 ms integration times	5 A range: 33 μs–833 ms integration times	500 mA and 5 A ranges: 33 μs–833 ms integration times
Accuracy							
V	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
I	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Features:							
Programming	IEEE-488 included	IEEE-488 included	IEEE-488 included	IEEE-488 included	IEEE-488 included	IEEE-488 included	IEEE-488 included
Open Sense Lead Detection	Yes					Yes	Yes
DVM	Yes	Yes	Yes	Yes	Yes	Yes, 1 per channel	Yes, 1 per channel
Relay Control Port	4	1	1	1	2	4	4
Front Panel Controls	Yes	Yes	No	Yes	Yes	Yes	Yes
Remote Display Module	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CE	Yes	Yes	Yes	Yes	Yes	Yes	Yes