

Selector Guide

Specialized Power Supplies

Selector guide: Specialized power supplies

Model	2302	2303	2303-PJ	2304A	2306	2306-PJ	2306-VS	2308	248
Page	164	178	178	178	164	164	170	157	182
Number of Channels	1	1	1	1	2	2	2	2	1
Power Output	60W maximum, function of V; optimized for maximum current at low V	45 W	45 W	100 W	50W maximum, function of V and power consumed by other channel; optimized for maximum current at low V	50W maximum, function of V and power consumed by other channel; optimized for maximum current at low V	50W maximum, function of V and power consumed by other channel; optimized for maximum current at low V	50W maximum, function of V and power consumed by other channel; optimized for maximum current at low V	25 W
Voltage Output	0–15 V	0–15 V	0–15 V	0–20 V	0–15 V	0–15 V	0–15 V	0–15 V	0–±5000 V
Maximum Continuous Current Output	5 A @ 4 V	5 A @ 9 V	5 A @ 9 V	5 A @ 20 V	5 A @ 4 V	5 A @ 4 V	5 A @ 4 V	5 A @ 4 V	5 mA
Variable Resistance Output	0–1 Ω 10 mΩ resolution				0–1 Ω 10 mΩ resolution (in channel 1)	0–1 Ω 10 mΩ resolution (in channel 1)	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	3 A	3 A	3 A	3 A	3 A	1 μA
DC Current Measurement Sensitivity	100 nA	100 nA	10 μA	100 nA	100 nA	10 μA (Ch. 1) 100 nA (Ch. 2)	100 nA	100 nA	
Dynamic Current Measurement	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	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	5 A range: 33 μs–833 ms integration times	5 A, 500 mA, 50mA and 5mA ranges: 33 μs–833 ms integration times	
External Triggering for Voltage Outputs and Current Measurement	No	No	No	No	No	No	Yes	No	No
Accuracy									
V	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.01%
I	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.01%
Features:									
Programming	IEEE-488 included	IEEE-488 included	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	Yes	Yes	No
DVM	Yes	Yes	Yes	Yes	Yes, 1 per channel	Yes, 1 per channel	Yes, 1 per channel	Yes, on channel 2	No
Analog Output								1 analog output	
Relay Control Port	4	1	1	2	4	4	No	4	No
Remote Display Module	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
CE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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