



DP1116A/DP1308A Programmable DC Power Supply

- 4.3 inch large True Color LCD Display with 480x272 high resolution: Displays multiple parameters and state graph simultaneously.
- DP1308A: Separate Control and Independent Triple Outputs: +6V/5A, +25V/1A, -25V/1A, total 80W power.
- The +6V channel output is electrically isolated from ±25V channel output to minimize the interference between the circuits under test.
- DP1116A:Single output, dual ranges,160W power with the remote sense capability
- Clean power with Low ripple noise: < 350 μVrms / 3 mVpp (DP1116A);
 < 350 μVrms / 2 mVpp(DP1308A)
- Excellent line regulation rate: < 0.01% + 2 mV (voltage), < 0.01% + 250 μA (current)
- Excellent load regulation rate: < 0.01% + 2 mV (voltage), < 0.005% + 250 μA (current) (DP1116A)
 < 0.01% + 2 mV (voltage), < 0.010% + 250 μA (current) (DP1308A)
- Fast Transient Response Time: <50μs
- DP1308A ±25V channels have output tracking functions
 The change of voltage value in one channel can be reflected in the other channel.
- Overvoltage and overcurrent protection function
- Two-level over-temperature protection
- Store and recall system setups
- DP1116A supports up to 100 groups of timing settings
- Real time V/A/W waveform display with V/A/W values
- DP1116A provides the classical display mode: dial plates with pointer and V/A/W values
- On-line help, Chinese & English interface and input
- Comprehensive Connectivity and Remote Control Interface
 USB Device, USB Host, LAN, GPIB interfaces, support USB flash drive storage
- Remote control via Web or SCPI commands
- Comform to LXI-C Class instrument standard (version 1.2)

DP1116A/DP1308A Programmable DC Power Supply

Observable Clean Stable Reliable Affordable

4.3 inch Large True Golor TFT LCD Display Clean power with Low ripple noise Excellent Load and Line Regulation



Product Dimension: Width×Height×Depth=235 mm×155 mm×384 mm Weight: 8.5 kg

Typical Applications

- R&D lab General purpose testing
- Quality Assessment inspection
- Bias power for RF/MW circuits
- · Automotive electronic test
- Production testing
- Device or circuit characterization and troubleshooting

Teaching lab experiments

► Intuitive User Interface



Displays multiple parameters and state graph simultaneously



DP1116A supports up to 100 groups of timing settings



Real time V/A/W waveform display with V/A/W values



DP1116A provides the classical display mode: dial plates with pointer and V/A/W values



Store and recall system setups



On-line help

➤ Specifications
Specifications are valid after 30 minute warm up time under specified temperature.

Model							
			DP11	1		DP1308A	_
Output Range			16 V/10 A	32 V/5 A	+6 V	+25 V	-25 V
DC Output (0)°C - 40°C))					
Voltage			0 to 16 V	0 to 32 V	0 to +6V	0 to +25 V	0 to -25 V
Current			0 to 10 A	0 to 5 A	0 to 5 A	0 to 1 A	0 to 1 A
Overvoltage F	Protection		0.1 V to 35.2 V		0.1 V to 6.5 V	0.1 V to 27 V	-0.1 V to -27
Overcurrent Protection			0.1 A to 11 A		0.1 A to 5.5 A	0.1 A to 1.2 A	0.1 A to 1.2
		out per	centage + offset)				
Voltage	(00.16		< 0.01% + 2 mV				
Current		< 0.005% + 250	пΑ	< 0.01% + 250 µ/	Δ		
	ion+ (outpu	ut perc	entage + offset)	μγι	1 0.0170 . 200 μ/	``	
Voltage		< 0.01% + 2 mV					
Current		< 0.01% + 250 μA					
	laisa (20 H	ا 20 - حا		· ·			
Ripple and Noise (20 Hz - 20		< 350 μV rms/3 mVpp					
Normal Mode Voltage		< 2 mA rms		< 2 mA rms	m∨pp │ <500 μA rms		
Normal Mode Current		~ Z IIIA IIIIS			∼500 μA IIIIS		
Common Mode Current			- <1.5 μA rms 5°C)±(output percentage + offset)				
•	, ,		, , , , ,	nage + oπset)	0.40/ . 5	0.050/ . 55 1:	
Programming		tage	0.05% + 10 mV		0.1% + 5 mV	0.05% + 20 mV	
		rrent	0.2% + 10 mA		0.2% + 10 mA	0.15% + 4 mA	
Read Back		tage	0.05% + 5 mV		0.1% + 5 mV	0.05% + 10 mV	
	Cur	rrent	0.15% + 5 mA		0.2% + 10 mA	0.15% + 4 mA	
Resolution							
Programming	3		1 mV/1 mA		0.5 mV/0.5 mA	1.5 mV/0.1 mA	
Read Back			1 mV/1 mA		0.5 mV/0.5 mA	1.5 mV/0.1 mA	
Meter			1 mV/1 mA		1 mV/1 mA	10 mV/1 mA	
Transient Res	sponse Tir	me					
	•		ering the voltage withi	n 15 mV during the o	utput current changes fro	m full load to half load	or half to full.
Sense (only f	for DP1116	6A)					
Sense (only f			ch lead				
Voltage drop:	: Up to 1V	per ea	ch lead				
Voltage drop: Command Pr	: Up to 1V	per ea	ch lead				
Voltage drop: Command Pr < 50 ms	: Up to 1V rocessing ⁻	per ea Time ^[2]		ao + offost\			
Voltage drop: Command Pr < 50 ms Temperature	: Up to 1V rocessing ⁻	per ea Time ^[2]	C (output percentaç	ge + offset)	0.019/ 1.2 22/	0.010/ . 2	
Voltage drop: Command Pr < 50 ms Temperature Voltage	: Up to 1V rocessing ⁻	per ea Time ^[2]	C (output percentaç 0.01% + 3 mV	ge + offset)	0.01% + 2 mV	0.01% + 3 mV	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current	: Up to 1V rocessing ⁻ Coefficien	per ear Time ^[2] nt per °(C (output percentaç 0.01% + 3 mV 0.02% + 3 mA	ge + offset)	0.01% + 2 mV 0.02% + 3 mA	0.01% + 3 mV 0.01% + 0.5 mA	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current	: Up to 1V rocessing ⁻ Coefficien	per ear Time ^[2] nt per °(C (output percentag 0.01% + 3 mV 0.02% + 3 mA e + offset)	ge + offset)	0.02% + 3 mA	0.01% + 0.5 mA	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a	: Up to 1V rocessing ⁻ Coefficien	per ear Time ^[2] nt per °(C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV	ge + offset)	0.02% + 3 mA 0.03% + 1 mV	0.01% + 0.5 mA 0.02% + 2 mV	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a Voltage	: Up to 1V rocessing ⁻ Coefficien	per ear Time ^[2] nt per °(C (output percentag 0.01% + 3 mV 0.02% + 3 mA e + offset)	ge + offset)	0.02% + 3 mA	0.01% + 0.5 mA	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a Voltage Current	: Up to 1V rocessing ⁻ Coefficien output perc	per ea Time ^[2] nt per °(C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV		0.02% + 3 mA 0.03% + 1 mV	0.01% + 0.5 mA 0.02% + 2 mV	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a Voltage Current Voltage Prog	: Up to 1V rocessing ⁻ Coefficien output perc	per ea Time ^[2] Int per °(centag	C (output percentag 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA		0.02% + 3 mA 0.03% + 1 mV	0.01% + 0.5 mA 0.02% + 2 mV	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a Voltage Current Voltage Prog	: Up to 1V rocessing ⁻ Coefficien output perc	per ea Time ^[2] ht per °c ccentag	C (output percentag 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total		0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a Voltage Current Voltage Prog Rising	: Up to 1V rocessing ⁻ Coefficien output perc ramming S Full Load	per ea Time ^[2] nt per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms		0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising	: Up to 1V rocessing Coefficien output percentage ramming S Full Load No Load Full Load	per ea Time ^[2] nt per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms		0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising Falling	: Up to 1V rocessing ⁻ Coefficien output perc ramming S Full Load No Load	per ea Time ^[2] nt per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms		0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising Falling OVP/OCP	: Up to 1V rocessing Coefficien output percentage ramming S Full Load No Load Full Load	per ea Time ^[2] nt per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms	l variation range)	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy	: Up to 1V rocessing - Coefficien output percorramming S Full Load No Load Full Load No Load	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of tota 50 ms 20 ms 45 ms 400 ms	l variation range)	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output pera	Coefficien coutput percontramming S Full Load No Load No Load No Load Coentage +	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms	I variation range) % + 0.5 A	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy	Coefficien coutput percontramming S Full Load No Load No Load No Load Coentage +	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.5% 1.5 ms(OVP ≥ 3	l variation range)	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(a) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output perod Activation Tine	Coefficien coutput percontramming S Full Load No Load No Load No Load Coentage +	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms	I variation range) % + 0.5 A	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output peroperature) Machine	Coefficien coutput percontramming S Full Load No Load No Load No Load Coentage +	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms	I variation range) % + 0.5 A V); < 10 ms(OVP <	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output peroperature) Machine Dimension	Coefficien coutput percontramming S Full Load No Load No Load No Load Coentage +	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.59 1.5 ms(OVP ≥ 3 < 10 ms(OCP) 235 mm (W) x 15	I variation range) % + 0.5 A	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
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Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output perc Activation Tin Machine Dimension Weight Power Supple	: Up to 1V rocessing Coefficien output percentage ramming S Full Load No Load Full Load No Load centage + me	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.59 1.5 ms(OVP ≥ 3 < 10 ms(OCP) 235 mm (W) x 15 11 kg	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output perc Activation Tin Machine Dimension Weight Power Supply AC Input	: Up to 1V rocessing Coefficien output percentage Security Load No Load No Load No Load Coentage + me	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.59 1.5 ms(OVP ≥ 3 < 10 ms(OCP) 235 mm (W) x 15 11 kg 100 Vac ± 10%,	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms 3 V) m (D) 8.5 kg	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output peroperative) Activation Tin Machine Dimension Weight Power Supply AC Input (50 Hz - 60 H	: Up to 1V rocessing Coefficien output percentage Security Load No Load No Load No Load Coentage + me	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.59 1.5 ms(OVP ≥ 3 < 10 ms(OCP) 235 mm (W) x 15 11 kg 100 Vac ± 10%,	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms 3 V) m (D) 8.5 kg	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output perc Activation Tin Machine Dimension Weight Power Supply AC Input	: Up to 1V rocessing Coefficien output percentage Security Load No Load No Load No Load Coentage + me	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.5% 1.5 ms(OVP ≥ 3 d < 10 ms(OCP) 235 mm (W) x 15 11 kg 100 Vac ± 10%, 220 Vac ± 10%, 23	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m 115 Vac ± 10%, 230 Vac ± 10% (25	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms 3 V) m (D) 8.5 kg	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output peroperative) Activation Tin Machine Dimension Weight Power Supply AC Input (50 Hz - 60 H	: Up to 1V rocessing Coefficien output percentage Security Load No Load Full Load No Load Centage + me	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 0.5% + 0.5V/0.5% 1.5 ms(OVP ≥ 3 d < 10 ms(OCP) 235 mm (W) x 15 11 kg 100 Vac ± 10%, 220 Vac ± 10%, 23	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms 3 V) m (D) 8.5 kg	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms	
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output perod Activation Tin Machine Dimension Weight Power Supply AC Input (50 Hz - 60 H Environment	Coefficien Coefficien output percontramming S Full Load No Load Full Load No Load Centage + me y Hz)	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 1.5 ms(OVP ≥ 3 < 10 ms(OCP) 235 mm (W) x 15 11 kg 100 Vac ± 10%, 220 Vac ± 10%, 3	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m 115 Vac ± 10%, 230 Vac ± 10% (25	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms 3 V) m (D) 8.5 kg	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms 400 ms	erature 55°C
Voltage drop: Command Pr < 50 ms Temperature Voltage Current Stability ^[3] , ±(c) Voltage Current Voltage Prog Rising Falling OVP/OCP Accuracy ± (output perod Activation Tin Machine Dimension Weight Power Supply AC Input (50 Hz - 60 H Environment Working Tem	Coefficien Coefficien output percontramming S Full Load No Load Full Load No Load Centage + me y Hz)	per ea Time ^[2] Int per °(centag	C (output percentage 0.01% + 3 mV 0.02% + 3 mA e + offset) 0.02% + 1 mV 0.1% + 1 mA to within 1% of total 50 ms 20 ms 45 ms 400 ms 1.5 ms(OVP ≥ 3 < 10 ms(OCP) 235 mm (W) x 15 11 kg 100 Vac ± 10%, 220 Vac ± 10%, 3	I variation range) % + 0.5 A V); < 10 ms(OVP < 55 mm (H) x 384 m 115 Vac ± 10%, 230 Vac ± 10% (25	0.02% + 3 mA 0.03% + 1 mV 0.1% + 3 mA 11 ms 10 ms 13 ms 200 ms 3 V) m (D) 8.5 kg 0 Vac Max)	0.01% + 0.5 mA 0.02% + 2 mV 0.05% + 1 mA 50 ms 45 ms 20 ms 400 ms	erature 55°C

- [1] Specifications are for one hour warm-up and at 25°C.
 [2] The maximum time required for regulating corresponding output when received APPLy and SOURce commands.
 [3] The variation of output within 8 hours after warm-up 30 minutes and both the load circuit and environment temperature are in constant conditions.

Ordering Information

	Description	Order Number
Model	Programmable DC Power (Single Channel)	DP1116A
	Programmable DC Power (Triple-Channel)	DP1308A
Standard	A Power cord	
Accessories	A USB data cable	
	Two shorted devices (only for DP1116A)	
	A CD (including User's Guide and Programming Guide)	
	Four fuses (two of 250 V/T2.5 A and two of 250 V/T4 A): DP1116A	
	Four fuses (two of 250 V/T3 A and two of 250 V/T2 A): DP1308A	
	An INSTRUCTION	

RIGOL

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