

DP Series Programmable DC Power Supply



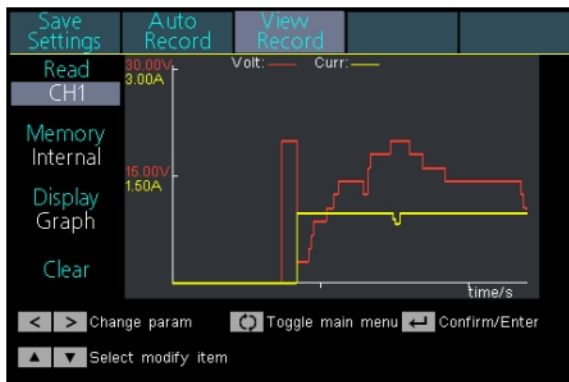
- + Three independent controllable channels
- + Max output resolution : 1mV / 1mA
- + Low ripples / low noise
- + Up to 100 group timers
- + Multi- working mode : individual, parallel, and series
- + Over-voltage / Over-current protection
- + Data-logging function: could record the output voltage, and current; and display recorded data in chart
- + Auto-cooling system
- + 4 inch high resolution (480 × 320 pixels) LCD
- + Multi- CI: USB, RS232, and LAN
- + SCPI, and LabVIEW supported

Triple Output



Creative Data Recording Function

to monitor the changing status of powering system, displaying recorded data in chart.



NO.	Volt	Curr	Power
61	8.708	1.998	17.395
62	8.708	1.998	17.395
63	10.605	1.998	21.184
64	10.605	1.998	21.185
65	10.605	1.998	21.185
66	12.512	1.998	24.990
67	12.512	1.998	24.993
68	14.406	1.998	28.776
69	14.406	1.998	28.776
70	14.406	1.998	28.774

Model	ODP3033	ODP3063	ODP6033
Channel	3 (independent controllable channel)		
Max Output Power	198W	378W	378W
Output Range	0 - 30V / 3A x 2-CH, 0 - 6V / 3A	0 - 30V / 6A x 2-CH, 0 - 6V / 3A	0 - 60V / 3A x 2-CH, 0 - 6V / 3A

+ Display

Model	ODP3033	ODP3063	ODP6033
LCD Type	4 inch color LCD		
Display Resolution	480 x 320 pixels, 65536 colors		

+ Mechanical Specifications

Model	ODP3033	ODP3063	ODP6033
Dimension (W x H x D)	250 x 158 x 358 (mm)		
Device Weight	9.80 kg	12.00 kg	

+ Performance Specifications

The specifications based upon the instrument having run for at least 30 minutes continuously, under the specified operating environment.

Model	ODP3033		ODP3063		ODP6033		all 3 models
	CH 1	CH 2	CH 1	CH 2	CH 1	CH 2	
Channel	CH 1 CH 2		CH 1 CH 2		CH 1 CH 2		CH 3
Output Ratings (0°C - 40°C)	Voltage		0 - 30V		0 - 30V		0 - 6V
	Current		3A		6A		3A
Load Regulation	Voltage		≤0.01% + 3mV				
	Current		≤0.01% + 3mA				
Line Regulation	Voltage		≤0.01% + 3mV				
	Current		≤0.01% + 3mA				
Settings Resolution	Voltage		1mV				
	Current		1mA				
Read Back Resolution	Voltage		1mV				
	Current		1mA				
Settings Accuracy (25°C ± 5°C) (within 12 months)	Voltage		≤0.03% + 10mV				
	Current		≤0.1% + 8mA		≤0.1% + 5mA		
Read Back Accuracy (25°C ± 5°C)	Voltage		≤0.03% + 10mV				
	Current		≤0.1% + 8mA		≤0.1% + 5mA		
Noise and Ripple (20Hz - 20MHz)	Voltage (Vp-p)		≤4mVp-p				
	Voltage (rms)		≤1mVrms				
	Current (rms)		≤5mArms		≤4mArms		
Output Temperature Coefficient (0°C - 40°C)	Voltage		≤0.03% + 10mV				
	Current		≤0.1% + 5mA				
Read Back Temperature Coefficient	Voltage		≤0.03% + 10mV				
	Current		≤0.1% + 5mA				
Parallel Settings Accuracy	Voltage		≤0.02% + 5mV				
	Current		≤0.1% + 30mA				
Programmable Output	Storage		100 groups				
	Time Setting		second				
Data Recording	10 K groups (of voltage, current and power data) recording capacity						
Working Temperature	0 - 40°C						
Communication Interface	USB, RS232, and LAN						

Specifications subject to change without prior notice.

+ Application

- R&D laboratory
automobile, and electronic circuit test
- QC test
- industrial automation test
education / teaching experimentation

+ Accessories

The accessories subject to final delivery.

