

# Triple Output ODP 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

- + 4 inch high resolution (480 x 320 pixels) LCD
- + multi- CI: USB, RS232, and LAN
- + auto-cooling system
- + SCPI, and LabVIEW supported

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

Mechanical Specifications	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	
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 - 60V		6V
	Current	3A		6A		3A		3A
Load Regulation	Voltage	≤0.01% + 3mV						
	Current	≤0.01% + 3mA						

Line Regulation	Voltage	$\leq 0.01\% + 3\text{mV}$	
	Current	$\leq 0.01\% + 3\text{mA}$	
Settings Resolution	Voltage	1mV	
	Current	1mA	
Read Back Resolution	Voltage	1mV	
	Current	1mA	
Settings Accuracy (25°C ± 5°C) (within 12 months)	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 8\text{mA}$	$\leq 0.1\% + 5\text{mA}$
Read Back Accuracy (25°C ± 5°C)	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 8\text{mA}$	$\leq 0.1\% + 5\text{mA}$
Noise and Ripple (20Hz - 20MHz)	Voltage (Vp-p)	$\leq 2\text{mVp-p}$	$\leq 3\text{mVp-p}$
	Voltage (rms)	$\leq 300\mu\text{Vrms}$	$\leq 1\text{mVrms}$
	Current (rms)	$\leq 3\text{mA rms}$	$\leq 4\text{mA rms}$
Temperature Coefficient (0°C - 40°C)	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 5\text{mA}$	
Read Back Temperature Coefficient	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 5\text{mA}$	
Parallel Settings Accuracy	Voltage	$\leq 0.02\% + 5\text{mV}$	
	Current	$\leq 0.1\% + 30\text{mA}$	
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

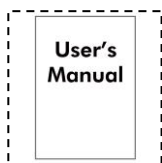
The accessories subject to final delivery.



Power Cord



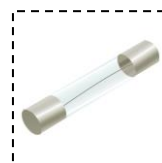
CD



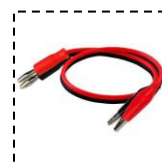
Manual



USB Cable



Fuse



Test Leads  
(optional)

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