

ODP Series Programmable DC Power Supply

- + tow independent controllable channels
- + max output resolution : 1mV / 1mA
- + low ripples / low noise
- + up to 100 group timers

max
378W
power output



- + 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

+ Performance Specifications

Model	ODP3122	ODP6062
Channel	2 (independent controllable channel)	
Max Output Power	378W	
Output Range	0 - 30V / 12A , 0 - 6V / 3A	0 - 60V / 6A, 0 - 6V / 3A

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

Model		ODP3122	ODP6062	all 2 models
Channel		CH 1	CH 1	CH 2
Output Ratings (0°C - 40°C)	Voltage	0 - 30V	0 - 60V	6V
	Current	12A	3A	3A
Load Regulation	Voltage	$\leq 0.01\% + 3\text{mV}$		
	Current	$\leq 0.01\% + 3\text{mA}$		
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 $\pm$ 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 $\pm$ 5°C)	Voltage	$\leq 0.03\% + 10\text{mV}$		
	Current	$\leq 0.1\% + 8\text{mA}$		$\leq 0.1\% + 5\text{mA}$



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Noise and Ripple (20Hz - 20MHz)	Voltage (Vp-p)	≤2mVp-p	≤3mVp-p
	Voltage (rms)	≤300uVrms	≤1mVrms
	Current (rms)	≤3mArms	≤4mArms
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.

Display	ODP3122	ODP6062
LCD Type	4 inch color LCD	
Display Resolution	480 x 320 pixels, 65536 colors	

Mechanical Specifications	ODP3122	ODP6062
Dimension (W x H x D)	250 x 158 x 358 (mm)	
Device Weight	12.00 kg	

+ Application

R&D laboratory

QC test

industrial automation test

automobile, and electronic circuit test

education / teaching experimentation

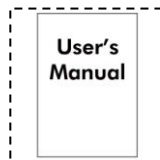
+ Accessories The accessories subject to final delivery.



Power Cord



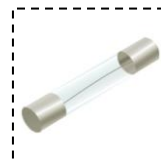
CD



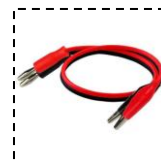
Manual



USB Cable



Fuse



Test Leads (optional)