

Triple Channel Programmable DC Power Supply

- ODP Series



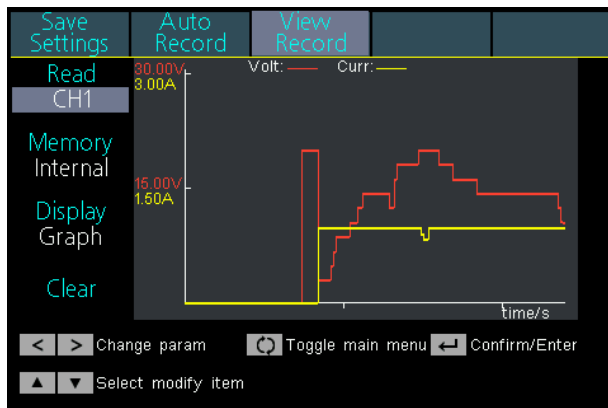
- + Three independent controllable channels
- + Max output resolution : 1mV / 1mA
- + Low ripples / low noise
- + Up to 100 group timers

- + Multi- working mode : individual, parallel, and series
- + Over-voltage / Over-current protection
- + Data-logging function: could record the read back voltage and current, display recorded data in chart

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

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	12.510	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	Channel	Max Output Power	Output Range
ODP3033	3 (independent controllable channel)	198W	30V / 3A 30V / 3A, 6V / 3A
ODP3053		318W	30V / 5A 30V / 5A, 6V / 3A
ODP3063		378W	30V / 6A 30V / 6A, 6V / 3A
ODP6033		378W	60V / 3A 60V / 3A, 6V / 3A

Model	ODP3033	ODP3053	ODP3063	ODP6033
Display	4 inch color LCD 480 x 320 pixels, 65536 colors			
Dimension (W x H x D)	250 x 158 x 358 (mm)			
Device Weight	9.80 kg	12.00 kg		

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

Model		ODP3033		ODP3053		ODP3063		ODP6033		
Channel		CH1	CH2	CH1	CH2	CH1	CH2	CH1	CH2	CH3
Output Ratings (0°C - 40°C)	Voltage	0-30V		0-30V		0-30V		0-60V		0-6V
	Over Voltage Protection	31V		31V		31V		61V		7V
	Current	0-3A		0-5A		0-6A		0-3A		0-3A
	Over Current Protection	3.1A		5.1A		6.1A		3.1A		3.1A
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)	≤2mVp-p								≤3mVp-p
	Voltage(rms)	≤300μVrms								
	Current(rms)	≤3mArms								≤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	1Mpts								
		100 groups								
	Time Setting	second								
Data Recording	10K groups (of voltage, current and power data) recording capacity									
Working Temperature	0-40°C									
Communication Interface	USBHost, USBDevice, RS232, LAN, Support USB TMC protocol									

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.



Power Cord



CD Rom



Quick Guide



USB Cable



Fuse



Test Leads
(optional)