OWON

ODP Series

Programmable DC Power Supply

max 378W power output

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

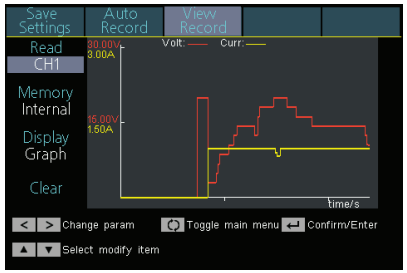
+ Multi- working mode : individual, parallel, and series
+ Over-voltage / Over-current protection
+ Data-logging function: could record the output voltage, and current; and display recorded data in chart

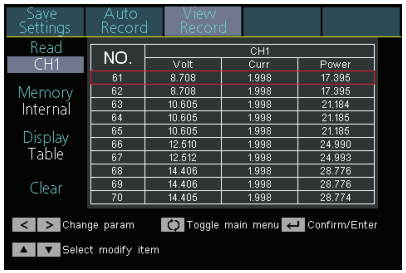
Triple Output

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

Creative Data Recording Function

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





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
Channel		CH 1	CH 2	CH 1	CH 2	CH 1	CH 2	CH 3
Output Ratings (0℃ - 40℃)	Voltage	0 - 30V		0 - 30V		0 - 60V		0 - 6V
	Current	3A		6A		3A		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℃ ± 5℃) (within 12 months)	Voltage	≤0.03% + 10mV						
	Current	≤0.1% + 8mA						≤0.1% + 5mA
Read Back Accuracy (25℃ ± 5℃)	Voltage	≤0.03% + 10mV						
	Current	≤0.1% + 8mA						≤0.1% + 5mA
Noise and Ripple (20Hz - 20MHz)	Voltage (Vp-p)	≤4mVp-p						≤3mVp-p
	Voltage (rms)	≤1mVrms						≤1mVrms
	Current (rms)	≤5mArms						≤4mArms
Output Temperature Coefficient (0℃ - 40℃)	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℃						
Communication Interface		USB, RS232, and LAN						

Specifications subject to change without prior notice.

+ 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 Rom

Manual


USB Cable


Fuse


Test Leads (optional)