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

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						

Mechanical Specifications

Model	ODP3033	ODP3063	ODP6033
LCD Type	4 inch color LCD		
Display Resolution	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	

Specifications subject to change without prior notice.

owon®

Meet your best need

378W

Triple Output

DP Series

Programmable DC Power Supply

CE

Main Feature

+ 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 x 320 pixels) LCD
+ multi- CI: USB, RS232, and LAN
+ SCPI, and LabVIEW supported

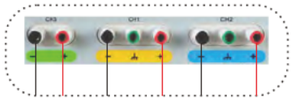
owon
Meet your best need

ODP Series
Programmable DC Power Supply

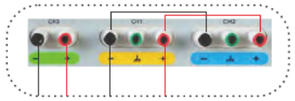
A Triple Output: 3 independent channel

function as 3 power supply unit;
via parallel / series connection, the power output range of 1 channel could be wider.

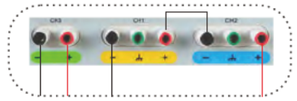
independent



parallel connection

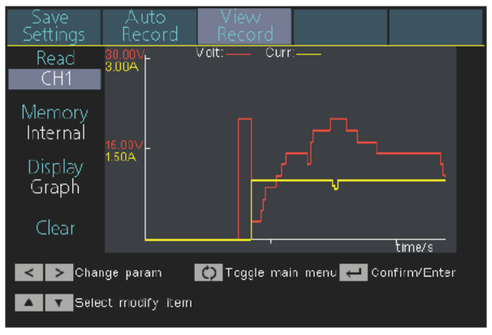


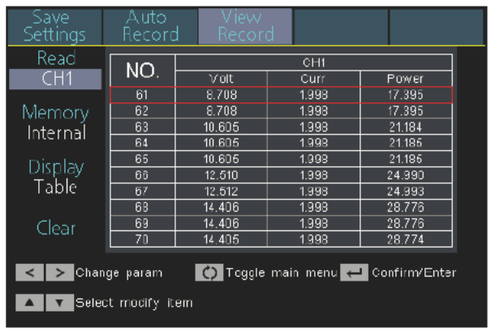
series connection



B Creative Data Recording Function

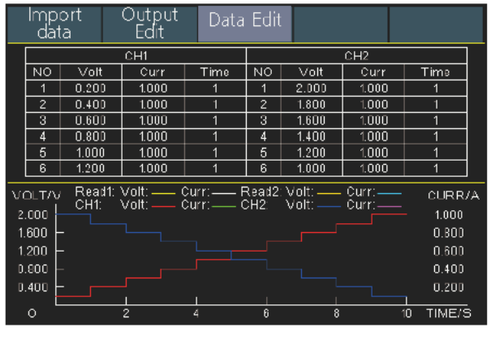
to monitor the changing status of powering system, displaying recorded data in chart.



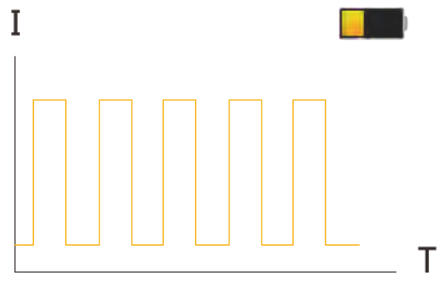


C Timing Output

Support 100 groups timing output settings, the power output curve could be adjusted via PC, or device itself. And applicable to artificial simulated power output variation.



100 groups timing output settings



artificial simulated power output variation

D CV / CC Auto-switch

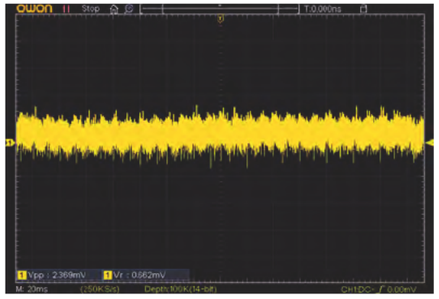
Along with load varies, the power output auto-switches between CV / CC.

Give an operation example, in the circumstance you set a voltage of 10V at a current of 1A, when actual current not larger than 11A, the power supply unit works under CV status, the power output alters with load accordingly; whereas when actual current larger than 1A, the power supply unit will limit the current automatically, and switch into CC mode, then the power output alters with load accordingly.

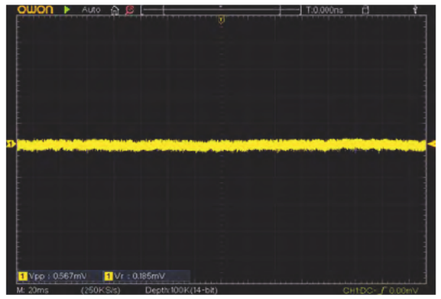
CV / CC auto-switch fulfills within power supply unit, no human intervention needed.

E Low Ripples / Low Noise

OWON ODP features super- low ripples, and super- low noise, which causes almost no influences to circuit test.



power ripple under 1MΩ impedance



power ripple under 50Ω impedance

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)