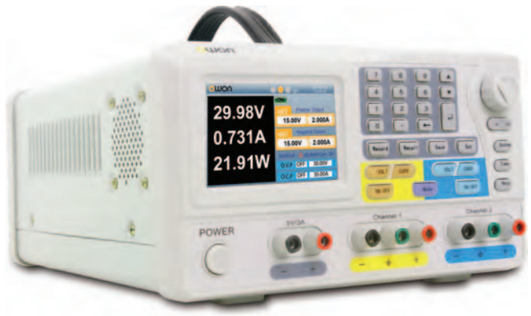
Programmable DC Power Supply



NEW!

Main Feature:

1. Dual independent outputs with Separate controls and one fix output supplies up to 195W total power
2. Two controllable channels with switch for operation conveniency
3. Highest output resolution: 1mV/1mA
4. Insulation between three output channels effectively reduce the interference
5. Outstanding line regulation rate:≤0.01%+2mV(voltage),≤0.01%+1mA(current)
6. low ripples noise:<300 u Vrms/2mVpp
7. Four operating mode : independent , parallel connection , series connection ,plus-minus
8. Over-voltage over-current protection: the parameters of over-voltage and over-current are configurable to enhance the load protection
9. Up to 100 groups timers and predefine or unlimited output loop to generate arbitrary waveforms
10. Up to 30 groups preset system configurations
11. Auto-cooling system
12. 3.9 inch high resolution(480*320 pixels)TFT LCD display
13. Multiple Interface : USB 2.0 RS232

Display

Model	ODP3032
Display Type	3.9 inch colored LCD (Liquid Crystal Display)
Display Resolution	480 (Horizontal) × 320 (Vertical) Pixels
Display Colors	65536 colors, TFT screen

Mechanical Specifications

Dimension	450mm× 202mm×298mm(D*H*W)
Weight	About 9.8 kg

The specifications below are based on the instrument having run for at least 30 minutes continuously under the specified operating temperature.

Channel		Channel 1/Channel 2		Fixed 5V
DC Output Ratings	Voltage	Independent/Parallel	0～30V	5V
		Series	0～60V	
		Plus-minus	−30V～30V	
	Current	Independent/Series/Plus-minus	0～3A	3A
		Parallel	0～6A	
Line Regulation	CV	≤0.01% + 3mV		≤3mV
	CC	≤0.1% + 3mA		
Load Regulation	CV	≤0.01% + 3mV		≤0.1%+3mV
	CC	≤0.2% + 3mA		
Noise and Ripple (20Hz～7MHz)	CV	≤300 μVrms / 2 mVpp		≤300 μVrms/ 2 mVpp
	CC	≤3mArms		
Settings Resolution	Voltage	1mV		None
	Current	1mA		None
Settings Accuracy (25℃±5℃)	Voltage	≤0.05% + 1mV		None
	Current	≤0.1% + 1mA		None
Read Back Resolution	Voltage	1mV (＜10V) 10mV (≥10V)		None
	Current	1mA		None
Read Back Accuracy (25℃±5℃)	Voltage	≤0.05% + 1mV(＜10V) ≤0.05% + 10mV(≥10V)		None
	Current	≤0.1% + 1mA		None

OWON continues to improve products and reserves the rights to change specifications without advance .For latest ones, please refer to our website.

Application

Design and Debug　　Circuit function test
Identified signals logic information　　Education & Training　　Mixed signal circuit test

Accessories

The receipt of accessories should be taken as final.


Power cord


CD-Rom

Manual