

DP 3032

Programmable DC Power Supply



- + ODP3032 : two independent controllable channels
- + Maxoutput resolution : 1mV / 1mA
- + Low ripples / low noise : <300 μVrms / 2 mVpp
- + Up to 100 group timers
- + Up to 10 group preset system configurations
- + Over-voltage / Over-current protection
- + Auto-cooling system
- + 3.9 inch high resolution (480 × 320 pixels) TFT LCD display
- + Multiple communication interface : USB, and RS232

+ Display

Model	ODP3032
Display Type	3.9 inch colored LCD
Display Resolution	480 × 320 pixels
Display Color	65536 colors, TFT screen

+ Mechanical Specifications

Model	ODP3032
Dimension (W×H×D)	298 × 202 × 450 (mm)
Weight (without package)	9.80 kg

+ Performance Specifications

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

Model		ODP3032	
Channel		Two controllable channels	Fixed 5V
DC Output Rating	Voltage	0- 30V (Independent / Parallel) 0 - 60V (Series) -30V - 30V (Plus-minus)	5V
	Current	0 - 3A (Independent / Series / Plus-minus), 0 - 6A (Parallel)	3A
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	≤300μVrms/2mVpp	
	CC	≤3mA _{rms}	/
Settings Resolution	Voltage	1mV	/
	Current	1mA	/
Settings Accuracy (25°C±5°C)	Voltage	≤0.05%+3mV	/
	Current	≤0.1%+3mA	/
Read Back Resolution	Voltage	1mV (< 10V), 10mV (≥10V)	/
	Current	1mA	/
Read Back Accuracy (25°C±5°C)	Voltage	≤0.05%+3 digit	/
	Current	≤0.1%+3 digit	/

Specifications subject to change without prior notice.

+ Application

general detection in R&D laboratory

QC test

industrial production automation test

automobile and electronic circuit test power-supplying

education / teaching experimentation

electronic components test, aging test

to monitor the real-time status of power system via remote control

to monitor battery charging curve

+ Accessories

The accessories subject to final delivery.



