

ODP3032 Programmable DC Power Supply



- + ODP3032 : two independent controllable channels
- + Max output resolution : 1mV / 1mA
- + Low ripples / low noise : <300 μ Vrms / 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 $\times$ 320 pixels) LCD
- + Multiple communication interface : USB, and RS232
- + SCPI, and LabVIEW supported

+ Display

Model	ODP3032
Display Type	3.9 inch colored LCD
Display Resolution	480 $\times$ 320 pixels
Display Color	65536 colors

+ Mechanical Specifications

Model	ODP3032
Dimension (W $\times$ H $\times$ D)	250 $\times$ 158 $\times$ 358 (mm)
Device Weight	10.50 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		2 (independent)	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	≤3mArms	/
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	/
Communication Interface		USB Host, USB Device and RS232	

Specifications subject to change without prior notice.

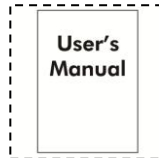
+ Application

- general detection in R&D laboratory
- QC test
- industrial 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

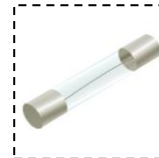
+ Accessories The accessories subject to final delivery.


Power Cord


CD Rom


Manual


USB


Fuse