

ODP3032 2-CH Output With 5V Fixed 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	$\leq 0.01\% + 3\text{mV}$	$\leq 3\text{mV}$
	CC	$\leq 0.1\% + 3\text{mA}$	/
Load Regulation	CV	$\leq 0.01\% + 3\text{mV}$	$\leq 0.1\% + 3\text{mV}$
	CC	$\leq 0.2\% + 3\text{mA}$	/
Noise and Ripple (20Hz ~ 7MHz)	CV	$\leq 300\mu\text{Vrms}/2\text{mVpp}$	
	CC	$\leq 3\text{mArms}$	/
Settings Resolution	Voltage	1mV	/
	Current	1mA	/
Settings Accuracy (25°C ± 5°C)	Voltage	$\leq 0.05\% + 3\text{mV}$	/
	Current	$\leq 0.1\% + 3\text{mA}$	/
Read Back Resolution	Voltage	1mV (< 10V), 10mV ($\geq 10\text{V}$)	/
	Current	1mA	/
Read Back Accuracy (25°C ± 5°C)	Voltage	$\leq 0.05\% + 3$ digit	/
	Current	$\leq 0.1\% + 3$ 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

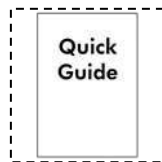
The accessories subject to final delivery.



Power Cord



CD Rom



Quick Guide



USB



Fuse