

# 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  $\mu$ 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	$\leq 0.01\% + 3mV$	$\leq 3mV$
	CC	$\leq 0.1\% + 3mA$	/
Load Regulation	CV	$\leq 0.01\% + 3mV$	$\leq 0.1\% + 3mV$
	CC	$\leq 0.2\% + 3mA$	/
Noise and Ripple (20Hz ~ 7MHz)	CV	$\leq 300\mu V_{rms}/2mV_{pp}$	
	CC	$\leq 3mArms$	/
Settings Resolution	Voltage	1mV	/
	Current	1mA	/
Settings Accuracy (25°C ± 5°C)	Voltage	$\leq 0.05\% + 3mV$	/
	Current	$\leq 0.1\% + 3mA$	/
Read Back Resolution	Voltage	1mV (< 10V), 10mV ( $\geq 10V$ )	/
	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

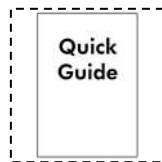
The accessories subject to final delivery.



Power Cord



CD Rom



Quick Guide



USB



Fuse