

## ODP6033 Programmable DC Power

- + three independent controllable channels
- + Max output resolution : 1mV / 1mA
- + Low ripples / low noise : <math> < 300 \mu\text{Vrms} / 2 \text{ mVpp}</math>
- + Up to 100 group timers
- + Up to 100 group preset system configurations
- + Multi- working mode : individual, parallel, series, positive, and negative
- + Over-voltage / Over-current protection
- + Data-logging function: could record the input voltage, and current, and display recorded data in chart
- + Auto-cooling system
- + 4 inch high resolution (480 × 320 pixels) LCD
- + Multi- CI: USB2.0, RS232, and LAN
- + SCPI, and LabVIEW supported



### + Display

Model	ODP6033
Display Type	4 inch colored LCD
Display Resolution	480 × 320 pixels
Display Color	65536 colors

### + Mechanical Specifications

Model	ODP6033
Dimension (W×H×D)	250 × 158 × 358 (mm)
Device Weight	12 kg

### + Performance Specifications

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

Model		ODP6033		
Channel		CH1	CH2	CH3
Output Ratings ( 0°C-40°C )	Voltage	0-60V		0-6V
	Over Voltage Protection	61V		7V
	Current	0-3A		0-3A
	Power	180W		18W
Load Regulation	Voltage	$\leq 0.01\% + 3\text{mV}$		
	Current	$\leq 0.01\% + 3\text{mA}$		
Line Regulation	Voltage	$\leq 0.01\% + 3\text{mV}$		
	Current	$\leq 0.01\% + 3\text{mA}$		
Settings Resolution	Voltage	1mV		
	Current	1mA		

Model		ODP6033	
Read Back Resolution	Voltage	1mV	
	Current	1mA	
Settings Accuracy ( Within 12 months ) ( 25°C±5°C )	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 8\text{mA}$	$\leq 0.1\% + 5\text{mA}$
Read Back Accuracy ( 25°C±5°C )	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 8\text{mA}$	$\leq 0.1\% + 5\text{mA}$
Noise and Ripple ( 20Hz-20MHz )	Voltage ( Vp-p )	$\leq 4\text{mVp-p}$	$\leq 3\text{mVp-p}$
	Voltage ( rms )	$\leq 1\text{mVrms}$	$\leq 1\text{mVrms}$
	Current ( rms )	$\leq 5\text{mA rms}$	$\leq 4\text{mA rms}$
Output Temperature Coefficient ( 0°C-40°C )	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 5\text{mA}$	
Read Back Temperature Coefficient	Voltage	$\leq 0.03\% + 10\text{mV}$	
	Current	$\leq 0.1\% + 5\text{mA}$	
Parallel Settings Accuracy	Voltage	$\leq 0.02\% + 5\text{mV}$	
	Current	$\leq 0.1\% + 30\text{mA}$	
Programmable output	Storage	10 groups	
	Time setting	Second	
Data Record Function	10 K groups (of voltage, current and power data) record capacity		
Working temperature	0-40°C		
Ports	LAN USB RS232		

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

### + Accessories

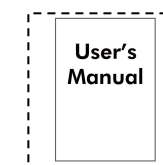
The accessories subject to final delivery.



Power Cord



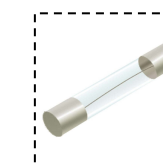
CD Rom



Manual



USB



Fuse

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176

TestEquipmentDepot.com