

ODP3063 Programmable DC Power

- + three independent controllable channels
- + Max output resolution : 1mV / 1mA
- + Low ripples / low noise : <math><300 \mu\text{Vrms}</math> / 2 mVpp
- + 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	ODP3063
Display Type	4 inch colored LCD
Display Resolution	480 × 320 pixels
Display Color	65536 colors

+ Mechanical Specifications

Model	ODP3063
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		ODP3063		
Channel		CH1	CH2	CH3
Output Ratings (0°C-40°C)	Voltage	0-30V		0-6V
	Over Voltage Protection	31V		7V
	Current	0-6A		0-3A
	Power	180W		18W
Load Regulation	Voltage	≤0.01% + 3mV		
	Current	≤0.01%+3mA		
Line Regulation	Voltage	≤0.01%+3mV		
	Current	≤0.01%+3mA		
Settings Resolution	Voltage	1mV		
	Current	1mA		

Model		ODP3063	
Read Back Resolution	Voltage	1mV	
	Current	1mA	
Settings Accuracy (Within 12 months) (25°C±5°C)	Voltage	≤0.03%+10mV	
	Current	≤0.1%+8mA	≤0.1%+5mA
Read Back Accuracy (25°C±5°C)	Voltage	≤0.03%+10mV	
	Current	≤0.1%+8mA	≤0.1%+5mA
Noise and Ripple (20Hz-20MHz)	Voltage (Vp-p)	≤4mVp-p	≤3mVp-p
	Voltage (rms)	≤1mVrms	≤1mVrms
	Current (rms)	≤5mA _{rms}	≤4mA _{rms}
Output Temperature Coefficient (0°C-40°C)	Voltage	≤0.03%+10mV	
	Current	≤0.1%+5mA	
Read Back Temperature Coefficient	Voltage	≤0.03%+10mV	
	Current	≤0.1%+5mA	
Parallel Settings Accuracy	Voltage	≤0.02%+5mV	
	Current	≤0.1%+30mA	
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

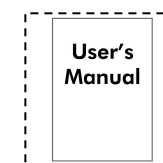
The accessories subject to final delivery.



Power Cord



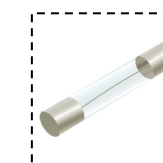
CD Rom



Manual



USB



Fuse