

Adjustable Single Output Programmable DC Power Supply

multicomp PRO



Features:

- Complete digital control / programmable
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- OCP and OVP settings, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function
- Interfaces : RS232, USB

Specifications

Voltage Range / Current Range	0 - 60V / 0 - 2A, Adjustable	
Load Regulation	Voltage : $\leq 0.01\%$ +2mV / Current : $\leq 0.1\%$ +5mA	
Line Regulation	Voltage : $\leq 0.01\%$ +3mV / Current : $\leq 0.1\%$ +3mA	
Setup Resolution	Voltage : 10mV / Current : 1mA	
Setup Accuracy (25°C $\pm 5^\circ\text{C}$)	Voltage : $\leq 0.5\%$ +30mV / Current : $\leq 0.5\%$ +5mA	
Ripple (20Hz - 20MHz)	Voltage : $\leq 1\text{mVrms}$ / Current : $\leq 3\text{mArms}$	
Temp. Coefficient	Voltage : $\leq 100\text{ppm}$ +10mV / Current : $\leq 100\text{ppm}$ +5mA	
Read Back Accuracy	Voltage : 10mV / Current : 1mA	
Read Back Temp. Coefficient	Voltage : $\leq 100\text{ppm}$ +10mV / Current : $\leq 100\text{ppm}$ +5mA	
Reaction Time (10% Rated load)	Voltage : $\leq 100\text{mS}$ / Current : $\leq 100\text{mS}$	
Operation Environment	Indoor use Altitude : $\leq 2,000\text{m}$ Ambient temperature : $0^\circ\text{C} \sim 40^\circ\text{C}$ Relative humidity : $\leq 80\%$	
Input Voltage	230V $\pm 10\%$, 50Hz	
Interfaces	RS232, USB	
Weight and Dimension	4.5kg / 110mm(W) \times 156mm(H) \times 260mm(D)	
Storage Environment	Ambient temperature : -10°C to $+70^\circ\text{C}$ Relative humidity : $\leq 70\%$	
Accessories	User manual	
	Power cord	UK plug + EU plug, Diameter: 0.75mm \times 3, length: 1.2m
	USB cable	USB cable length 1.5m, USB2, AM to BM

Part Number Table

Note: Input Voltage : 230V $\pm 10\%$, 50Hz

Description	Part Number
60V, 2A, Single CH, PROG PSU RS232 + USB	72-2545

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