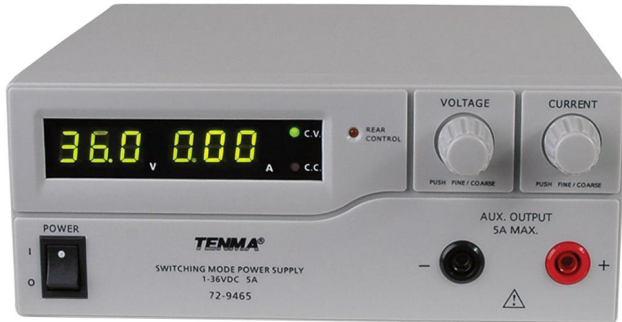


# Bench Power Supply



## Introduction

In this upgraded version of power supplies, both the hardware and the firmware have been modified, the application software has a completely design in concert with the value added features.

Added features which can be done on the unit panel.

1. Reset no load current to zero on current meter.
2. Reset the 3 presets to factory default

## Specifications

Output	
Variable Output Voltage	1V DC to 36V DC
Variable Output Current	0 to 5A
Voltage Regulation	
Load (10-100% Load)	50mV
Line (90-264V AC Variation)	20mV
Current Regulation	
Load (10-90% Rated Voltage)	100mA
Line (90-264V AC Variation)	50mA
Ripple & Noise	
Ripple & Noise (r.m.s.) Voltage	5mV
Ripple & Noise (peak-peak) Voltage	50mV
Current Ripple & Noise (r.m.s.)	30mA
Meter Type & Accuracy	
Voltage Meter	3 Digit LED Display $\pm 0.2\%$ +3 counts
Current Meter	3 Digit LED Display $\pm 0.2\%$ +3 counts
Other	
Input Voltage	100V AC to 240V AC 50/60Hz~
Full Load Input Current (230/100V AC)	1.2 / 2.5A
Efficiency (@ 230V AC)	82.9%
Switching Frequency	100khz to 120khz~

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# Bench Power Supply



Tracking Over Voltage Protections	O/P 1-5V: set voltage +2V O/P 5-20V: set voltage +3V O/P 20-36V: set voltage +4V
Transient Response Time (50-100%Load)	1.5ms
Power Factor Control	Power factor correction >0.95 at optimal load
Cooling Method	Thermostatic Control Fan from Zero to full speed
Protections	Overload, Short Circuit by Constant Current, Output Tracking Over Voltage, Over Temperature
Special Features	3 User defined VI preset, Remote control V, I and output on-off
Preset Cycle Programming	Max. 20 presets of V & I Max. preset time 99min. + 59sec. Max. preset cycle 999
Accessory	User Manual, Application Software, USB cable
Approvals	CE EMC: EN 55011, 55022 LVD: EN 60950, 61010
Dimensions (W×H×D)	200mm × 90mm × 208mm (7.9 × 3.5 × 8.2 inch)
Weight	2.4 kg (5.2 lbs)

## Part Number Table

Description	Part Number
Bench Power Supply, Programmable, 1 Output, 36V, 5A	72-9465

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