

Variable Voltage Power Supply



Testing Applications

- Check contactors
- Test run small motors
- Operate circuit breakers
- Useful for DC fields voltage drop test
- Power-up substation relays or for unregulated charging of substation batteries
- Suitable for other applications requiring a variable voltage supply

Both the voltage and current output levels can be simultaneously read and monitored with the highly accurate meters.

The separate output terminals for both AC and DC voltage provide convenient hookup configurations depending on the type of component being tested.

Design Features

- Rugged, high-impact plastic case for years of field use
- Main power circuit breaker with indicator lamp
- Independent overloads for AC and DC
- Output via binding posts and multilam jacks
- High accuracy digital metering
- Fine adjustment Vernier standard on Model VMS-1 only
- Operation/maintenance manual

Environmental Conditions

- 10-40°C, indoor/outdoor in fair weather
- Humidity <95% non-condensing

Models Available

- VMS-1
- VMS-2
- VMS-3
- VMS-4

A multi-purpose power source available in AC, DC, or AC/DC used for energizing a wide variety of circuits and components for troubleshooting and repair. This power supply is a necessity for all in-shop and field-service electrical technicians.



Model VMS-1



Model VMS-2



Model	VMS-1	VMS-2	VMS-3	VMS-4	
Input	Voltage/Current	110-120 VAC, 10 A, 1-phase	220-240 VAC, 25 A, 1-phase	110-120 VAC, 10 A, 1-phase	220-240 VAC, 25 A, 1-phase
	Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Output	AC	≈ 0-120 VAC, 10 AAC max through binding posts	≈ 0-220 or 240 VAC*, 25 AAC max through multilam jacks	≈ 0-110 or 120 VAC*, 10 AAC max through binding posts	n/a
	DC	n/a	≈ 0-300 VDC, 10 ADC max through binding posts	≈ 0-150 VDC, 5 ADC max through binding posts	≈ 0-100 VDC, 40 ADC max through binding posts
	*Maximum AC output voltage depends on input voltage of the test set n/a				
Duty Cycle	continuous				
Metering	3 1/2 digit, LED display				
	AC Voltmeter	Accuracy ±0.4% Full Scale ±2 counts			n/a
	AC Currentmeter	Accuracy ±0.15% Full Scale ±6 counts			
	DC Voltmeter	n/a	Accuracy ±0.1% Full Scale ±1 count		
	DC Currentmeter				
Cables Included	Input	6' (1.8 m)	10' (3 m)	10' (3 m)	10' (3 m)
	Output	10' (3 m)	10' (3 m)	10' (3 m)	10' (3 m)
Dimensions & Weight (approx.)	Length	20" (508 mm)	24" (610 mm)	20" (508 mm)	24" (610 mm)
	Width	16" (406 mm)	22" (559 mm)	16" (406 mm)	22" (559 mm)
	Height	8" (203 mm)	24" (610 mm)	8" (203 mm)	24" (610 mm)
	Weight	29 lbs (13 kgs)	105 lbs (48 kgs)	29 lbs (13 kgs)	144 lbs 65 kgs)



Model VMS-1



Model VMS-3



Model VMS-4



PHENIX TECHNOLOGIES

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