

A C POWER SUPPLY

AVR-4/8-600R-DAV-V3-06



THIS POWER SUPPLY IS DESIGNED FOR TESTING IMPEDANCE, CONTINUITY AND BONDING OF ELECTRICAL PARTS, SUCH AS: CABLES, LUGS AND METAL PARTS.

MODEL	SPECIFICATIONS
AVR-4/8-600R-DAV-V3-06	
INPUT	240 V 60 Hz Single-phase @ 25 A
OUTPUT	0-600A ac with dual-range 0- 4V and 0- 8V compliance. Time to rise from 0 – 600A is: 30 seconds. Also there are two very low voltage ranges 0-0.2V and 0-0.4V. These ranges are for testing one block or one lug at a time where a very low voltage is needed.
CURRENT REGULATION	± 1% with output current range: 10 - 600A
AMMETER	3½ Digits, 0-200/2000A ac Accuracy: ± 0.5% of full scale.
VOLTMETER	3½ Digits, 0-10 V ac Accuracy: ± 0.5% of full scale.
TIMERS	One on timer and one off timer, individually adjustable from 5 minutes to 6 hours.
COUNTER	6 Digits, Electromechanical.
MODE OF OPERATION	A three-position switch on the front panel: OFF, CONTINUOUS and TIMED CYCLES. Also one mode for computer control.
TIMED MODE	Same as continuous mode but on/off cycle is controlled by 2 digital timers on the front panel; 0.1 – 99.9 hours each. On and off periods can be set independently.
OUTPUT TERMINALS	2 output copper bars and 2 supercon connectors 250A c/w plugs.
INPUT PROTECTION	Input circuit-breaker and 2 overload circuit-breakers.
REMOTE CONTROL BY COMPUTER	2 contacts for inducing 0-10 V dc to set the current, 2 contacts to sense the voltage and 2 contacts to produce 0-10 V dc = 0-2000A output for the computer to regulate the output current 10-600A.

A C POWER SUPPLY

AVR-4/8-2000R-DAV-V3-04



THIS POWER SUPPLY IS DESIGNED FOR TESTING IMPEDANCE, CONTINUITY AND BONDING OF ELECTRICAL PARTS, SUCH AS: CABLES, LUGS AND METAL PARTS.

MODEL	SPECIFICATIONS
AVR-4/8-2000R-DAV-V3-04	
INPUT	240 V 60 Hz Single-phase @ 67 A
OUTPUT	0-2000A ac with dual-range 4V and 8V compliance. Time to rise from 0 – 2000A is: 30 seconds.
CURRENT REGULATION	± 1% with output current range: 200A to 2000A
AMMETER	3½ Digits, 0-200/2000A ac Accuracy: ± 0.5% of full scale.
VOLTMETER	3½ Digits, 0-10 V ac Accuracy: ± 0.5% of full scale.
TIMERS	One on timer and one off timer, individually adjustable from 5 minutes to 6 hours.
COUNTER	6 Digits, Electromechanical.
MODE OF OPERATION	A three-position switch on the front panel: OFF, CONTINUOUS and TIMED CYCLES. Also one mode for computer control.
TIMED MODE	Same as continuous mode but on/off cycle is controlled by 2 digital timers on the front panel; 0.1 – 99.9 hours each. On and off periods can be set independently.
OUTPUT TERMINALS	2 output copper bars.
INPUT PROTECTION	Input circuit-breaker and 2 overload circuit-breakers.
REMOTE CONTROL	2 contacts for produce 0-10V dc to set current, 2 contacts to sense the voltage and 2 contacts to produce 0-10 V dc = to 0-2000A output for the computer to regulate the output current.

A C POWER SUPPLY

MODEL AVU-5-30-AV-01



THIS A C POWER SUPPLY IS MADE FOR TESTING BONDING IMPEDANCE AND GROUND CONTINUITY OF ELECTRICAL EQUIPMENT TO MEET CSA STANDARD C22.2, No. 0.4 AND OTHER CSA AND UL STANDARDS.

SPECIFICATIONS

INPUT	120 V 60 Hz
OUTPUT VOLTAGE	Adjustable: 0-5V ac c/w 2 leads. Each lead is 2 meters long with a clip at one end.
OUTPUT CURRENT	Adjustable: 0-30A ac c/w 2 leads. Each lead is 2 meters long c/w a clip at one end.
AMMETER	Scaled: 0-30A ac Accuracy: $\pm 2\%$ of full scale
VOLTMETER	Scale: 0-5V ac Accuracy: $\pm 2\%$ of full scale
SIZE	34W x 24D x 22.5H cm (13.5W x 9.5D x 9H in)
WEIGHT	11.5 kg (25 lb)

This Power Supply is designed for testing: Impedance, Continuity and Bonding of electrical parts and equipment, such as: Cables, Lugs and continuity of metal parts assembled in equipment.



**A C CONSTANT CURRENT POWER SUPPLY
MODEL AVR-6/12-100R-DAV-03**

SPECIFICATIONS

INPUT	120 V 60 Hz Single-Phase
OUTPUT	Adjustable 0-10 A and 0-100A C/W one switch to change output current to either 0-10A or 0-100A and one switch to change output voltage to either 0-6 V or 0-12 V compliance.
AMMETER	One digital ammeter C/W 3 ranges: 0-199.9A ac, 0-19.99A ac and 0-1.999A ac. Accuracy $\pm 0.5\%$ of full scale.
VOLTMETER	One digital voltmeter 0-19.9 V ac. Accuracy $\pm 0.5\%$ of full scale.
CURRENT REGULATION	$\pm 0.5\%$ with a minimum of 2 volts output at 6 V range and 4 volts at 12 volts range. And current range is: 1A to 100A.
MODE OF OPERATION	A three-position switch on the front panel: OFF, CONTINUOUS and TIMED CYCLES.
CONTINUOUS MODE	Output Current set by a calibrated output adjust-dial on the front panel; it will be kept constant by an internal regulator.
TIMED MODE	Same as continuous mode but on/off cycle is controlled by 2 digital timers on the front panel; 0.1-99.9 hours each. On and off periods can be set independently.
COUNTER	One resettable counter to count total number of cycles.
OUTPUT TERMINALS	One common female supercon-connector 0-100A, one female supercon-connector 0-100A and one supercon-connector 0-10A. All C/W plugs.
INPUT CONNECTION	One input line-cord 2 meters (6 ft.) long C/W a plug.
PROTECTION	One input circuit-breaker, one overload circuit-breaker for 100A output and one circuit-breaker for 10A output.
SIZE	53W x 61D x 76H cm (21W x 24D x 30H inches)
WEIGHT	85 kg (187 lb)

A C CONSTANT CURRENT POWER SUPPLY MODEL AVR-6/12-250R-DAV-02



This Power Supply is designed for testing: Impedance, Bonding and Ground Continuity of electrical parts and equipment, such as: Cables, Lugs and Metal Parts.

INPUT	240 V 60 Hz Single-phase
OUTPUT	Adjustable 0-250 A @ 6 or 12 V ac compliance, c/w a switch on the panel to set max. voltage to 6 or 12 V ac
AMMETER	One digital ammeter c/w 2 ranges: 0-199.9A ac & 0-1999 A ac. Accuracy: $\pm 0.1\%$ of full scale.
VOLTMETER	One digital voltmeter 0-19.9 V ac. Accuracy: $\pm 0.5\%$.
CURRENT REGULATION	$\pm 0.5\%$ with 3 V output minimum.
MODE OF OPERATION	Three-position switch on the front panel: Off, Continuous and Timed cycles.
CONTINUOUS MODE	Output current set by output adjust-knob on the front panel, it will be kept constant by internal regulator.
TIMED MODE	Same as continuous mode, but on/off cycle is controlled by two digital timers on the front panel. 0.1-99.9 hours each. On and Off periods can be set independently.
COUNTER	One resettable counter to count total number of cycles.
OUTPUT TERMINALS	Two output copper bars.
INPUT PROTECTION	Input circuit-breaker and a line-cord c/w a plug.

A. C. POWER SUPPLY MODEL AVU-120-5-AV-02



INPUT:	120V 60Hz
OUTPUT:	adjustable 0-120Vac @ 5A
METERS:	one ammeter and one voltmeter
OUTPUT CONNECTION:	two 120V outlets
PROTECTION:	one input circuit-breaker
OUTPUT ADJUSTMENT:	one large voltage adjustment dial
INDICATOR:	one small power-on light
INPUT CONNECTION:	one input line-cord
PORTABILITY:	one carrying handle
SIZE:	36W x 24D x 18H cm (14W x 9.5D x 7H in)
WEIGHT:	11 kg (25 lb)

A. C. POWER SUPPLY MODEL AVU-120-10-AV-02



INPUT:	120 V 60Hz
OUTPUT:	Adjustable 0-120Vac @ 10A
METERS:	One ammeter and one voltmeter
OUTPUT CONNECTION:	One 120V outlet and three binding posts
PROTECTION:	One input circuit-breaker and one overload circuit-breaker
OUTPUT ADJUSTMENT:	One large voltage adjustment-dial
INDICATOR:	One small power-on light
INPUT CONNECTION:	One input line-cord
PORTABILITY:	Two carrying handles
SIZE:	38Wx38Wx20H cm (15Wx15Dx8H inches)
WEIGHT:	19.5 kg (43 lb)

A C POWER SUPPLY MODEL AVU-140-10-DAV



SPECIFICATIONS

INPUT	120 V 60 Hz
OUTPUT	Adjustable 0-140 V ac @ 10A
METERS	One digital voltmeter 3 ½ digits and one ammeter 3 ½ digits
PROTECTION	One input circuit-breaker
TERMINATION	Two binding- posts
PORTABILITY	Two large carrying handles
SIZE	53Wx33Dx32H cm (21Wx13Dx12.5H inches)
Weight	34 kg (75 lb)



THIS POWER SUPPLY IS DESIGNED FOR TESTING IMPEDANCE, CONTINUITY AND BONDING OF ELECTRICAL PARTS SUCH AS: CABLES, LUGS AND METAL PARTS.

MODEL	SPECIFICATIONS
AVR-10-8000R-DAV-V4-02	
INPUT	600 V 60 Hz Single-phase @ Approx. 140 A
OUTPUT	0-8000A ac up to 10V compliance. Time to rise from 0 – 8000A and voltage to go up to 10V is: 60 seconds. (Rise time to 8000A is less than 60 seconds when less voltage is needed.
CURRENT REGULATION	± 1% with output current range from 1000 to 8000A voltage compliance of 10V ac @ output current from zero up to 4000A and 9V ac @ output current from zero up to 8000A.
AMMETER	3½ Digits dual range: 0-2000/20000A ac Accuracy: ± 0.5 % of full scale (20000A)
VOLTMETER	3½ Digits, 0-10 V ac Accuracy: ± 0.5 % of full scale. (10V ac)
TIMERS	One on timer and one off timer, individually adjustable from 5 minutes to 6 hours.
COUNTER	6 Digits, Electromechanical.
MODE OF OPERATION	A three-position switch on the front panel: OFF, CONTINUOUS and TIMED CYCLES. Also one mode for computer control.
TIMED MODE	Same as continuous mode but on/off cycle is controlled by 2 digital timers on the front panel; 0.1 – 99.9 hours each. On and off periods can be set independently.
OUTPUT TERMINALS	2 output copper bars.
PROTECTION	Input circuit-breaker and 2 overload circuit-breakers.
REMOTE CONTROL FOR COMPUTER	2 contacts to produce 0-10 V dc to set the output current by the computer, 2 contacts to sense the output voltage by the computer, 2 contacts to produce 0-10V dc = to 0-8000A output for the computer to regulate the output current and 2 contacts to produce approx. 22V dc to indicate that power is on.

A C POWER SUPPLY

MODEL AVU-5-50-AV-01



SPECIFICATIONS

INPUT	120V 60 Hz
OUTPUT VOLTAGE	Adjustable: 0-5V ac c/w 2 leads 2 meters long, with clips at ends.
OUTPUT CURRENT	Adjustable: 0-50A ac c/w 2 leads 2 meters long, with clips at ends.
AMMETER	0-50A ac Accuracy: $\pm 2\%$ of full scale
VOLTMETER	0-5V ac Accuracy: $\pm 2\%$ of full scale
SIZE	34W x 24D x 22.5H cm (13.5W x 9.5D x 9H in)
WEIGHT	11.5 kg (25 lb)

A C POWER SUPPLY MODEL AVU-10-50-AV-01



SPECIFICATIONS

INPUT	120 V 60 Hz
OUTPUT VOLTAGE	Adjustable 0-10 V ac c/w 2 leads each 2 meters long with clips at one end.
OUTPUT CURRENT	Adjustable 0-50 A ac c/w 2 leads each 2 meters long with clip clips at one end.
AMMETER	0-50 A ac Accuracy: $\pm 2\%$ of full scale
VOLTMETER	0-10 V ac Accuracy: $\pm 2\%$ of full scale
SIZE	34W x 24D x 22.5H cm (13.5W x 9.5D x 9H in)
WEIGHT	19.9 kg (43 lb)