

AC POWER SUPPLIES

ISOLATED AC/DC POWER SUPPLIES



NON-METERED MODEL



VOLTMETER MODEL



VOLTMETER/AMMETER MODEL



VOLTMETER/AMMETER/WATTMETER MODEL

DESIGN FEATURES:

Staco offers a selected group of Power Supplies with a styling concept and other exclusive features that make them unique to the industry. Underwriters' Laboratories, Inc. (UL) and Canadian Standards Association (CSA) approvals make these ideally suited for industrial, classroom and laboratory applications.

All controls are located for easy reading and large circuit identifications facilitate accurate measurements. Positive stops are built into all control knobs to protect against internal damage and insure positive index of the dials. Most models feature a three-position switch enabling selection of line voltage or overvoltage from the off position. For added versatility to the work area, convenience outlets (line voltage) are provided on all units.

All the Power Supplies are housed in a ventilated steel and aluminum enclosure, with a carrying handle for easy portability. Each model is complete with a three-conductor line cord, plug and matching receptacle, pilot light, switch, circuit breaker and selector switch for use with dual scale meter types. The convenience outlet is energized from the moment the line cord is plugged in.

METERED MODELS:

The E501 and E1010 models are available with a Voltmeter, Ammeter and Wattmeter, or a combination of these meters. The meters supplied are 2% full scale accuracy with the Ammeter and Wattmeter being dual range types. The suffixes for meter identification are:

- V=Voltmeter
- A=Ammeter
- W=Wattmeter

OPTIONAL ISOLATED AC/DC OUTPUTS:

All metered models of the E501 and E1010 series have available, as optional items, isolated AC and DC outputs available from banana jacks located on the front panel. These outputs are rated at 0.5 amperes, 0-120 volts for the E501 styles and 1.0 amperes, 0-120 volts for the E1010 styles. To order this optional feature, add the suffix "AC/DC" to the selected type number.

Example: E501/VAW AC/DC

ISOLATED AC/DC POWER SUPPLIES:

The Isolated Variable Transformers used in these AC/DC Power Supplies have a separate primary winding which is electrically isolated from the secondary or output winding. There is no common connection between the input and output of the transformer. Either side of the output can be grounded independently of the supply line, making the units safe for all industrial, medical and educational applications where isolated output without a common ground is required.

Three sizes of the isolated AC/DC Power Supplies are available. EJ201V rated at two (2) amps, EJ401V rated at four (4) amps, and DJ901V rated at nine (9) amps. These Power Supplies operate from 120 volts input and have an output of 0-140 volts AC or 0-120 volts DC. Each unit has all of the features of the AC Power Supplies plus a 0-150 V direct rating output voltmeter. The DC outputs are available from banana jacks located on the front panel.

AC POWER SUPPLIES (without meter)



E501

TYPE	INPUT		OUTPUT				DIMENSIONS			NET WT. (LBS.)	
			CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD						
	VOLTS	HERTZ	VOLTS	MAX. AMPS.	MAX. KVA	MAX. AMPS.	MAX. KVA	HEIGHT	WIDTH		DEPTH
E171	120	60	0-132	1.75	0.23	—	—	4 ³ / ₈	10 ³ / ₁₆	3 ⁵ / ₈	9
E371	120	50/60	0-120	3.75	0.45	4.5	0.54	6 ¹ / ₈	11 ¹ / ₄	5	12
	120	60	0-140	3.75	0.53	—	—				
E501	120	50/60	0-120	5.0	0.60	7.0	0.84	6 ¹ / ₈	11 ¹ / ₄	5	13
			0-140	5.0	0.70	—	—				
E1010	120	50/60	0-120	10.0	1.2	13	1.56	6 ¹ / ₈	11 ¹⁵ / ₁₆	5 ⁷ / ₈	19
			0-140	10.0	1.4	—	—				

(with Voltmeter)



E1010V

TYPE	INPUT		OUTPUT				DIMENSIONS			NET WT. (LBS.)	
			CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD						
	VOLTS	HERTZ	VOLTS	MAX. AMPS.	MAX. KVA	MAX. AMPS.	MAX. KVA	HEIGHT	WIDTH		DEPTH
E501V	120	50/60	0-120	5.0	0.60	7.0	0.84	6 ¹ / ₈	17 ⁷ / ₈	5 ⁵ / ₈	15
			0-140	5.0	0.70	—	—				
E1010V	120	50/60	0-120	10.0	1.2	13.0	1.56	6 ¹ / ₈	17 ⁷ / ₈	5 ⁵ / ₈	21
			0-140	10.0	1.4	—	—				

(with Voltmeter/Ammeter)



E1010VA

TYPE	INPUT		OUTPUT				DIMENSIONS			NET WT. (LBS.)	
			CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD						
	VOLTS	HERTZ	VOLTS	MAX. AMPS.	MAX. KVA	MAX. AMPS.	MAX. KVA	HEIGHT	WIDTH		DEPTH
E501VA	120	50/60	0-120	5.0	0.60	7.0	0.84	10	15 ¹ / ₁₆	5 ⁵ / ₈	19
			0-140	5.0	0.70	—	—				
E1010VA	120	50/60	0-120	10.0	1.2	13	1.56	10	15 ¹ / ₁₆	5 ⁵ / ₈	21
			0-140	10.0	1.4	—	—				

(with Voltmeter/Ammeter/Wattmeter)



E1010VAW

TYPE	INPUT		OUTPUT				DIMENSIONS			NET WT. (LBS.)	
			CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD						
	VOLTS	HERTZ	VOLTS	MAX. AMPS.	MAX. KVA	MAX. AMPS.	MAX. KVA	HEIGHT	WIDTH		DEPTH
E501VAW	120	50/60	0-120	5.0	0.60	7.0	0.84	10	15 ¹ / ₁₆	5 ⁵ / ₈	20
			0-140	5.0	0.70	—	—				
E1010VAW	120	50/60	0-120	10.0	1.2	13	1.56	10	15 ¹ / ₁₆	5 ⁵ / ₈	25
			0-140	10.0	1.4	—	—				

AC/DC POWER SUPPLIES



EJ401V

TYPE	INPUT		ISOLATED OUTPUT				DIMENSIONS			NET WT. (LBS.)
			AC OUTPUT		DC OUTPUT*					
	VOLTS	HERTZ	VOLTS	AMPS	VOLTS	AMPS	HEIGHT	WIDTH	DEPTH	
EJ201V	120	50/60	0-140	2.0	0-120VDC	2.0	6 ³ / ₁₆	17 ⁷ / ₈	5 ⁵ / ₈	16
EJ401V	120	50/60	0-140	4.0	0-120VDC	4.0	10	15 ¹ / ₃₂	5 ⁵ / ₈	30
EJ901V	120	50/60	0-140	9.0	0-120VDC	9.0	10	16 ⁹ / ₃₂	7 ¹ / ₂	36

* DC outputs available from banana jacks on front panel.