



Electromagnet Power Supplies

Standard and Reversible Models

AUTOMATION

AG-10B

STANDARD (STD) Power Supplies are designed for applications that do not require reverse switching. Solid state switching is available as an option.

STANDARD SUPPLY FEATURES:

- Three voltage outputs available
- Input terminals for customer control
- Continuous operation
- Multiple point terminal block

REVERSIBLE (REV) POWER SUPPLIES feature an automatic reversing function with an isolation transformer and rectifier. These power supplies are ideal for automatic cycling applications. The controlled release cycle ensures fast release of the load. When the Reversible Power Supply is operated manually, release cycling is electronically pulsed.

REVERSIBLE SUPPLY FEATURES:

- Automatic operation
- Multiple point terminal block
- Tapped mounting holes
- 12, 24 or 110 VDC output
- Input terminals for user control

POWER SUPPLY OPTIONS:

- Front panel mounted indicator lights
- AC pilot light (Input voltage "ON")
- DC pilot light (Indicates magnet power "ON")
(Not available with variable output control.)

PANEL MOUNTED FUSE HOLDER - All IMI power supplies are fuse protected. The fuse holder can be door mounted upon request.

VARIABLE OUTPUT CONTROL - Adjustable controls for variable output voltage to the magnet. Changing the voltage adjusts the magnet's strength and holding power.

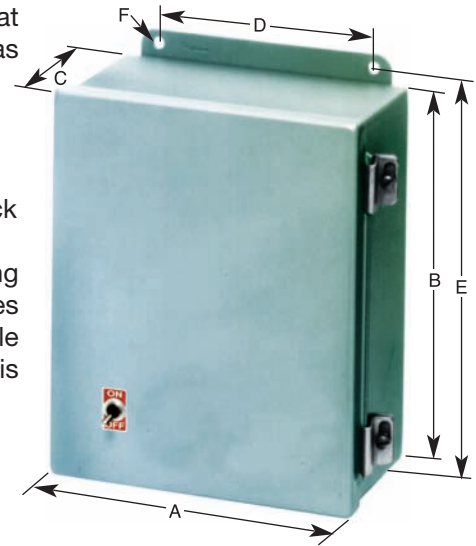
NOTE: If variable output is ordered a larger enclosure may be required.

AC ON/OFF SWITCH - can be front panel mounted to control the flow of primary input current for the system.

MAGNET ON/OFF SWITCH - Provides precise magnet control and is available as a toggle switch or a push button, and is mounted on the front panel.

AC LINE CORD - Three wire grounded AC cords with standard 3 conductor molded plugs are available for all power supplies with 120 VAC input.

SPECIAL ACCESSORIES - Connectors are available for PLC or computer interface. Other special accessories are available upon customer request.



INPUT Voltage	12 VDC Output	24 VDC Output	110 VDC Output	Model Type	Watts	A	B	C	Hole Spacing		Hole Ø
						D	E	F			
120 VAC	1105	1205	1305	REV	50	10	12	5	8	12.75	5/16"
240 VAC	2105	2205	2305								
120 VAC	1105	1205	1305	STD	50	8	10	6	6	10.75	5/16"
240 VAC	2105	2205	2305								
120 VAC	1110	1210	1310	REV	100	10	12	5	8	12.75	5/16"
240 VAC	2110	2210	2310								
120 VAC	1110	1210	1310	STD	100	8	10	6	6	10.75	5/16"
240 VAC	2110	2210	2310								
120 VAC	1120	1220	1320	REV	200	10	12	5	8	12.75	5/16"
240 VAC	2120	2220	2320								
120 VAC	1120	1220	1320	STD	200	8	10	6	6	10.75	5/16"
240 VAC	2120	2220	2320								
120 VAC	1125	1225	1325	REV	250	20	20	8	18.5	18.5	1/2"
240 VAC	2125	2225	2325								
120 VAC	1125	1225	1325	STD	250	12	12	6	10	12.75	5/16"
240 VAC	2125	2225	2325								
120 VAC		1230	1330	REV	300	20	20	8	18.5	18.5	1/2"
240 VAC		2230	2330								
120 VAC		1230	1330	STD	300	12	12	6	10	12.75	5/16"
240 VAC		2230	2330								
120 VAC		1250	1350	REV	500	20	20	8	18.5	18.5	1/2"
240 VAC		2250	2350								
120 VAC		1250	1350	STD	500	12	12	6	10	12.75	5/16"
240 VAC		2250	2350								
120 VAC			13100	REV	1,000	24	24	8	22.5	22.5	1/2"
240 VAC			23100								
120 VAC			13100	STD	1,000	16	20	8	18.5	14.5	1/2"
240 VAC			23100								
120 VAC			13200	REV	2,000	24	24	8	22.5	22.5	1/2"
240 VAC			23200								
120 VAC			13200	STD	2,000	24	24	8	22.5	22.5	1/2"
240 VAC			23200								

NOTES:

1. For ordering "STD" Series (PSB) or "REV" Series (PSD) power supplies, add the letters PSB or PSD to the VDC output number. Example: a "B" Series with 12 VDC Output number 1105 would = Part No. PSB1105.
2. When multiple magnets are powered by a single power supply, be sure the total cumulative wattage of the magnets does not exceed the wattage rating of the power supply.

SPECIFICATIONS:

- JIC approved
- NEMA 12 (oil & dust tight)
- Isolated transformer
- Full wave bridge rectifier

Key Markets

Any market requiring an electromagnet

Related Products

Electromagnets

Industrial Magnetics, Inc. • 1385 M-75 South • Boyne City, MI 49712 • p: 888.582.0823 • f: 231.582.2704 • w: www.magnetics.com • e: imi@magnetics.com