

EDP-C2 Technical Data:

Input supply:	12 – 24 VDC @ 2 Amps max.
Output to field:	0 – 300 VDC @ 5 Amps max.
Output to magnet:	0 – 300 VDC programmable up to 200 Amps max.
Temperature:	Unit rated -40° F min. to +180° F max Normal operation -40° F to +176° F Output is reduced 15% from +176° F to 180° F
Control Inputs/Outputs:	
Digital input:	Dedicated to magnet on/off function +24Vdc @ 60mA max Supports most single and double action switches via configuration setting
Digital output:	Dedicated to system indicator light +24Vdc @ 200mA max
Relay output:	Dedicated to hydraulic servo valve operation Time off delay adjustable via configuration setting
Real time display:	- Armature volt - Armature Current (Amps) - Field Voltage - On/Off Switch Status - System Ground Detection - Located on controller unit
Remote Unit:	- Cab mounted - Access to digital inputs/outputs - System indicator light



Services Available:

- Turnkey
- Service and installation throughout the US
- Technical assistance available by phone for customers who self-install

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MAGNETECH INDUSTRIAL SERVICES

24/7 EMERGENCY SERVICE

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Magnetech Industrial Services, Inc. is your authorized distributor for EDP Conception Controllers in all of your lifting magnet applications

**HYDRAULIC GENERATOR HY10KW
AVAILABLE UP TO 33 KW**



Features and Advantages:

- Compact size of 14"x14"x4" fits even the tightest areas
- Zero maintenance since there are no moving parts to replace
- Consistent voltage applied for each load - volts ramp up and ramp down to increase the life of the generator and magnet
- 15-200 amps – One-size model is sufficient for most magnets and generators
- Alphanumeric display shows more than 60 error messages to facilitate quick, on-site diagnosis
- Programmable for most styles of magnet control switches: drum switch, toggle switch, momentary switch, 1 or 2 switch, etc
- Maximum "ON" time is programmable from 1 to 10 minutes, at which time the generator voltage drops slowly until 50 volts and holds there until magnet "OFF" command.
- The Field is activated only in load mode allowing the generator windings to run cooler, thus increasing insulation life.
- **Installation help:**
 - o Power circuit wiring errors indication
 - o Automatic adjustments
 - o Inputs/Outputs status displayed
- Power system ground test at each start up with alarm message and readout
- Power-off relay discharges circuit energy for safer operation.
- Easy retro-fit on all DC lifting generators.
- RPM compensation to minimize voltage swings.



Benefits:

- Reduced maintenance costs allows for increased return on investment
- Two stage power control allows the magnet and generator to run cooler, increasing their lifetime
- Quick adjustments to the controller parameters easily adapts to demanding, changing working conditions

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