



Electropure EDI
Simple EDI

NEW

SnowPure's DC Power Product Line

Compact 3kW DC Power Supply Designed For EDI
Released May 2014!

SnowPure has designed a modular DC switching power supply for its Electropure™ brand EDI modules:

- Compact (5x5x13 inches)
- Economic (has only the features needed)
- Suitable for NEMA Enclosures
- Remote Panel-Mount Control (RS-232)
- 200-380Vdc 0-8Adc
- Designed for:
 - XL-400 Series (200VDC)
 - XL-500 Series (300VDC)
 - EXL-600 Series (300VDC)
- Enabled by Remote Interlock (flowswitch for auto startup and shutdown)
- CE Mark



Example: 200VDC
XL-400-R



Example: 300VDC
EXL-600
XL-500-HTS

Electrical Parameter	Specification Value
Output DC Voltage (constant voltage mode)	200-380 Vdc
Output DC Current (has overcurrent protection)	0-8 Amps DC
Input AC, Input	180-264 Vac, 1ph, 47/63Hz

DC Power Supply Features	
Protection: Over-current (lowers operating voltage)	@8.1 Adc
Protection: Over-current (shutdown/fault)	@9-11 Adc
Protection: Short-circuit (shutdown/fault)	Open Circuit
Protection: Over-temperature (standby/fault)	@50C
Cooling: Speed controlled fan	Inlet: front Outlet: rear
Voltage Ripple, max	1%
Power Efficiency Rating (@full load)	95%
Control Panel, 1/4 DIN (NEMA-12/IP55 when installed)	p/n O-015
Operating lights: GREEN (Run) YELLOW (Standby) RED (Fault)	Visible on O-015
LED Voltage and Current	Visible on O-015
RS-232 Cable (6 feet)	Included
CE Compliance (certification pending)	Low Voltage Directives: IEC EN61558-2-16, EN61558-1
Dimensions (O-005C) (Width x Height x Length)	5x5x13.1 inches 12.7x12.7x33.1 cm
Operating Weight (O-005C)	7.5 lb (3.5 kg)
Shipping Weight (O-005C with O-015)	9.5 lb (4.5 kg)

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Electropure™ EDI

Technology

- No concentrate recirculation or brine injection
- Thin-Cell efficient technology
- Thin-Concentrate non-scaling technology
- Unique non-scaling electrode system
- Patented Excellion™ membranes

Doing business with SnowPure

- Electropure™ EDI technology was born in 1977, before Ionpure
- SnowPure is privately held
- SnowPure is your partner, not a competitor
- High quality Electropure™ EDI training and OEM support

Benefits of Using EDI

- Continuous Process-no upsets
- Operating cost is minimized
- No hazardous waste, no associated costs and risks
- No regeneration acid or caustic
- Flexible—easy to expand a modular EDI system
- Reliable—no recirculation system components to fail

EDI Technology Training and OEM System Design Support

- SnowPure believes strongly in training—this helps ensure field success with Electropure™ EDI systems.
- SnowPure assists new OEM customers through their system design phase.
- Our customers also have access to our Best Practices P&ID's to aid in their EDI system optimization.
- Combined with ongoing Technical Service, we help ensure success.