

ediPureSource™

LENNTECH

WATER TREATMENT SOLUTIONS

SnowPure's DC Power Product Line

O-001D: 500W DC Power Supply Designed For EDI

SnowPure has designed an economical modular DC power supply for its Electropure™ brand EDI modules:

- Air-cooled, compact DC supply
- Designed for continuous operation at rated output
- Low AC ripple
- Electronics for constant voltage control
- Over-current and short-circuit protection
- Over-temperature protection
- Suitable for NEMA vented enclosures
- 500W DC Fixed-output (+/- 10%)
- Designed for:
 - XL-060 Series
 - XL-100 Series
- Interlock by normally open dry contact (flow switch/pressure switch)
- Designed to safety standards 



O-014A Optional Display for
O-001D Power Supply



Electrical Parameter	Specification Value
Output DC Voltage (Fixed Voltage Mode)	48 VDC
Output DC Current (Has Overcurrent Protection)	0-10 Amps DC (ADC)
AC Input	88-264VAC 1PH 50/60HZ

SnowPure

Water Technologies

ediPureSource™ O-001D Features	Specification
Protection: Over-Current (Lowers Operating Voltage)	Included
Protection: Over-Current (Shutdown/Fault)	Included
Protection: Short-Circuit (Shutdown/Fault)	Included
Protection: Over-Temperature (Standby/Fault)	Included
Cooling: Auto Controlled Fan	Included
Voltage Ripple, Max	< 1%
Power Efficiency Rating (@Full Load)	> 87%
Monitor	O-014A (Optional)
Voltage and Current	Visible on O-014A (Optional)
Safety Compliance	UL, CE
Dimensions (Width x Height x Length)	6.7Lx4.7Wx3.7 inches, 170x120x93mm (L*W*H)
Operating Weight	3.2 lb (1.5 kg)
Shipping Weight (approximate)	4.2 lb (1.9 kg)

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.



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