

SnowPure's DC Power Product Line

O-004A: 2.0kW 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
- 0-220Vdc 0-8 Amps DC, 2.0kW
- Designed for:
 - XL-300 Series
 - XL-400 Series
 - XL-500 Series
- Interlock by dry normally open contact (flow switch/pressure switch)
- Designed to safety standards: GB4943, UL60950, EN60950



Electrical Parameter	Specification Value
Output DC Voltage (Constant Voltage Mode)	0-220 VDC
Output DC Current (Has Overcurrent Protection)	0-8 Amps DC (ADC)
AC Input (Single phase, 50 or 60HZ)	176-264 VAC 1PH 50/60HZ

ediPureSource™ O-004A Features	Specification
Protection: Over-Current (Lowers Operating Voltage)	Included
Protection: Over-Current (Shutdown/Fault)	Included
Protection: Short-Circuit (Shutdown/Fault)	Open Circuit
Protection: Over-Temperature (Standby/Fault)	Included
Cooling: Temperature Controlled Fan	Included
Voltage Ripple, Max	< 1%
Power Efficiency Rating (@Full Load)	> 75%
Monitor	Included
Voltage and Current Display	Included
Designed to Safety Standards	GB4943, UL60950, EN60950
Dimensions (Width x Height x Length)	11.0x5.7x4.5 inches, 28.0x14.5x11.5 cm (L*W*H)
Operating Weight	14 lb (6.5 kg)
Shipping Weight (approximate)	16 lb (4.5 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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SnowPure
Water Technologies