

AGAPE WATER SOLUTIONS, INC.

# ELECTRODEIONIZATION POWER CONTROL PANELS

*Agape Water Solutions is the Master Service Provider (MSP) in North America for Ionpure Technologies.*



*We provide OEM's EDI Modules, Components and Technical Support to build EDI systems.*



**AGAPE WATER SOLUTIONS, INC.**

24 Main Street, Unit 3  
Harleysville, PA 19438  
U.S.A.

Phone: 215-631-7035

Fax: 215-631-7034

E-mail: [info@agapewater.com](mailto:info@agapewater.com)

Website: [www.agapewater.com](http://www.agapewater.com)

## DC Power Controllers for use with Electrodeionization Modules

Agape Water Solutions Provides power supply controls for Electrodeionization modules. The DC Power Controllers are designed to be used with the IONPURE® modules and are part of a complete line of modular system components offered to system integrators, but can be used with all Electrodeionization modules for optimal performance.

- Designed for individual power control for each module.
- Pre-engineered designs to reduce overall system cost and assembly time.
- Compatible with All Brands of EDI.
- Use DC Power Controllers in lieu of rectifiers for enhanced system control
- Factory tested and burned-in to meet strict standards.
- Reduced spares cost equals less downtime



For additional information on our Power Controllers call 215-631-7035. Information on EDI modules and our complete line of system components is also available.

# EDI Power Controls



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POWER SUPPLY SPECIFICATIONS	
Enclosure:	NEMA 12 Standard. NEMA 4 or 4X Optional.
Input Voltage:	110-120, 220-230, 380 or 460 VAC. (Specified by Customer)
Input Frequency:	50 or 60 Hz (Specified by Customer)
Output Voltage:	0 to 200 VDC, 0 to 400 VDC or 0 to 600 VDC.
Output Current:	Specified by EDI Modules
Safety:	Emergency Stop Pushbutton
	High Transformer Temperature Shut-down
	Low Flow Rate Shutdown
Remote Interlocks:	Start/Stop

## OPERATING ENVIRONMENT

Installation should be indoors with no direct sunlight and it should have a maximum ambient temperature of 122°F (50°C) up to 90% relative humidity non-condensing.

## QUALITY ASSURANCE STANDARDS

CE Compliance is available. Each panel is factory tested to meet strict industry standards and is manufactured in a documented quality control facility.

## INDIVIDUAL MODULE CURRENT CONTROL

Current travels the path of least resistance. In systems with more than one EDI module, modules will receive unequal current with a traditional rectifier due to electrical resistance variability from module to module. Power is the driving force in electrodeionization, so it should be stabilized and consistent for all EDI modules to perform optimally in a system.

Agape Water Solutions, Inc. builds EDI control panels with individual power supplies for each module. This allows power monitoring and control for each EDI module. The current and voltage can be monitored by touch screen on the front of the panel and current adjusted from each individual unit.

