

# Securitron AQ Series Power Supplies

ASSA ABLOY

The global leader in  
door opening solutions



Discover ASSA ABLOY Power.

With a wide range of power supplies, Securitron has the right power solution to protect and enhance the performance of access control devices.

## Mix & Match UL Listing

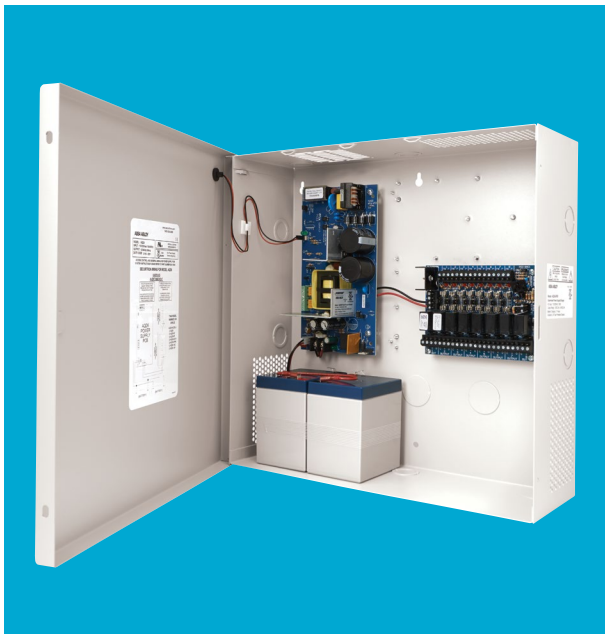
- Available in one to 16 Amp variants to support the smallest single door systems to the largest enterprise access control systems
- UL listed dynamic field configurable product offering
- Combine any of the seven power supplies and nine distribution boards in any UL listed enclosure and maintain UL code compliance

## Protection & Efficiency

- Heavily filtered and regulated output provides better-than-linear performance
- Up to 93% efficiency, which results in decreased operating costs and lengthens the lifespan of electronics
- Low battery cutoff protects readers and other sensitive components from undervoltage

## Friendly & Knowledgeable Support

- Customer Service and Technical Support offer tools and resources to address questions of all shapes and sizes
- Custom drawings to configure complex access control solutions
- No-fault, no questions asked warranty covers installation errors

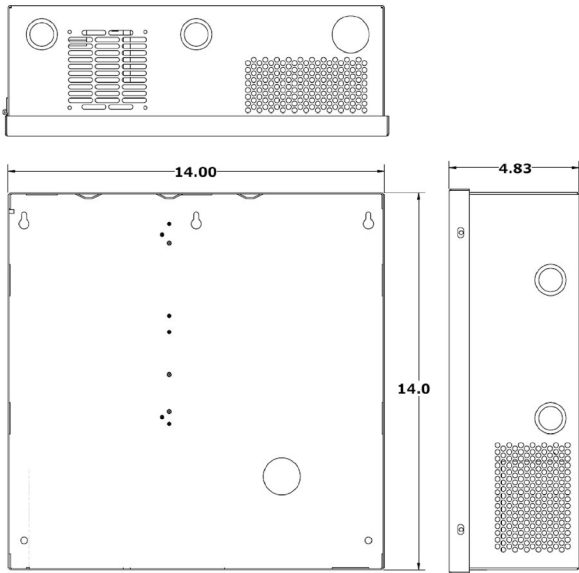


MagnaCare  
Warranty



Dual Voltage  
12/24

# Protection | Efficiency | Support



## Specifications

### Certifications (Both)

- UL294 Listed
- UL603 Listed
- ULC-S318 Listed
- ULC-S533 Listed
- RoHS Compliant
- REACH Compliant

### Electrical (Both)

- 115 or 230 VAC input (except AQD1)
- Supports up to two (2) sealed gel, AGM or wet lead acid batteries

### Electrical (AQD Series Only)

- Dual-voltage 12 or 24 VDC field selectable continuous output
- Up to 90% efficiency
- Low noise design with ripple as low as 70mV p-p

### Electrical (AQS Series Only)

- Single voltage 12 or 24 VDC continuous output
- Outputs are class 2 limited when used with 4 or 8 output distribution boards

### Operating Temperature

- -4 to +122F [-20 to +50C]

### Dimensions

- 14" x 14" x 4-3/4"

### Shipping Weight

- 12.7 lbs [5.76kg]

## Features

- All combinations of AQ power supplies and distribution boards are UL Listed
- Tolerates brownout or overvoltage input  $\pm 15\%$  of nominal voltage
- Thermal shutdown protection with auto restart
- Circuit breaker protects against overcurrent and reverse battery faults
- Dedicated battery charging circuit prevents overvoltage on locking devices
- Expandable up to 16 outputs; Class 2 power limited when used with 4, 8 or 16 output distribution boards
- Available with a single relay fire trigger or individually triggered relayed outputs
- Low battery cutoff at 9V for all except AQD1\*

\*Battery disconnect module available. Please contact the factory.

## How To Order

Select a power supply and up to two distribution boards in the 14" x 14" enclosure. All combinations of power supplies and distribution boards are UL Listed and are available in a number of possible configurations. Use the tables below to build the right solution for your needs.

Model Series	Output Type	Voltage	Output Power	Enclosure Style	Number of Outputs	Fuse Type	Number of Relays	Relays	Fuse Size
AQ	D		6	—	8	F	8	R	2
AQ	D Dual Voltage *	Blank Dual Voltage *	1 *	— In Enclosure	Blank One Output, No Distribution Board				
	S Single Voltage **	12 12VDC **	2 *	B Circuit Board Only	4	F Glass <sup>+</sup> Fuses	1	R Relays	1 1 Amp
		24 24VDC **	4 *		8	C PTC <sup>+</sup> Polyswitch	2		2 2 Amp
			6 *		12		8		
			10 **		16		9		
			16 **				16		

NOTES: \* Dual Voltage Option Only

\*\* Single Voltage Option Only

<sup>+</sup> Fuse type and size must be the same for both distribution boards for standard ordering. For custom configurations, please contact the factory at 800.626.7590.

ELECTRONIC SECURITY HARDWARE

HES | Securitron

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