

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
- Free, custom wiring diagram support available
- No-fault, no questions asked warranty covers installation errors



MagnaCare
Warranty



Dual Voltage
12/24

Specifications

Certifications (Both)

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

Dimensions

- 14" x 14" x 4-3/4" [355.6mm x 355.6mm x 120.65mm]

Shipping Weight

- 12.7 lbs [5.76kg]

Electrical

- 115 or 230 VAC input (except AQD1)
- Supports up to two (2) sealed gel, AGM or wet lead acid batteries
- Up to 93% efficiency
- Low noise design with ripple as low as 70mV p-p
- Outputs are Class 2 limited when used with PTC polyswitch distribution boards
- Dual voltage 12 or 24 VDC field selectable continuous output
- Single voltage 12 or 24 VDC continuous output

Operating Temperature

- -4° to 122°F [-20° to 50°C]

Features

- All combinations of AQ power supplies and distribution boards are UL Listed
- Tolerates brownout or over-voltage input $\pm 15\%$ of nominal voltage
- Thermal shutdown protection with auto restart
- Circuit breaker protects against over-current and reverse battery faults
- Dedicated battery charging circuit* prevents over-voltage on locking devices
- Expandable up to 16 outputs in the standard enclosure
- Available with a single relay fire trigger or individually triggered relayed outputs
- Low battery cutoff at 9V

*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			
			2 *	B Circuit Board Only	4	F Glass + Fuses	1	R Relays	1 1 Amp
	S Single Voltage **	12 12VDC **	4 *		8	C PTC+ Polyswitch	2		2 2 Amp
		24 24VDC **	6 *		12		8		
			10 **		16		9		
			16 **				16		

Not every combination above is possible: *Dual Voltage Option Only **Single Voltage Option Only + 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.