



AQU243 SERIES

Switching Power Supply

3A / 24 VDC Single-Voltage

The Securitron AccuPower® AQU243 Series of switching power supplies are single voltage, supervised units with a battery charger. They provide 3A at 24 VDC, with up to eight (8) independently controlled, power limited outputs.

PRODUCT FEATURES

- Provides 3A /24 VDC continuous output
- Tolerates brownout or overvoltage input from 90-240 VAC
- Includes thermal shutdown protection with auto restart
- Circuit breaker protects against overcurrent and reverse battery faults
- Low battery disconnect prevents deep discharge
- Dedicated voltage enables faster battery charging even under full load
- MagnaCare® lifetime replacement, no fault warranty included

SPECIFICATIONS

Please refer to the table

- ANSI/UL 603 Listed
- UL 1418 Listed
- ULC-5527 Listed
- ULC-5318 Listed

- CAN/ULC-5533-M87 Listed
- CSA-C22.2 No.205 Listed
- ANSI/UL 294 Listed

Dimensions:

14" x 9" x 3-1/2" enclosure

Electrical:

- Available with up to eight (8) Class 2 power limited outputs
- Available with configurable access control input/outputs with fire trigger in either PTC or with fuse/dry contact option, fire relay only, or configurable outputs with fire relay input
- Universal input 90-240 VAC
- LED indicators and form "C" contacts for supervision
- Supports up to two (2) sealed gel, AGM or wet lead acid batteries

Operating Temperature:

-4 to +104F [-20 to +40C]

Shipping Weight:

7.65 lbs [3.47kg]

Product Number	Output Amps	# of Outputs	Class 2 Power Limited	Fuse Rating	Fuse Type	# of Relays	Relay Type	UL 294	UL 603	ULC 5318-96	UL 1481	CSA C22.2 No. 205
AQU243	3	1	N	-	-	-	-	L	L	L	L	L
AQU243-8F	3	8	Y	2A	Fuse	-	-	L	-	-	-	-
AQU243-8C	3	8	Y	0.72A	PTC	-	-	L	L	L	L	L
AQU243-8C1R	3	8	Y	1.23A	PTC	1	Fire	L	R	R	-	-
AQU243-8F8R	3	8	Y	0.5A	Fuse	8	Access Control w/Fire	L	-	-	-	-
AQU243-8C8R	3	8	Y	1.04A	PTC	8	Access Control w/Fire	-	-	-	-	-

L: Listed R: Recognized



3
AMPERAGE



BATTERY BACKUP



24
VOLTAGE



SUPERVISION

