



PRODUCT FEATURES

- Dual-voltage 6A 12 or 24VDC field selectable continuous output
- 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 outputs available
- Available with a single relay fire trigger or individually fire trigger relayed outputs
- MagnaCare® lifetime replacement, no fault warranty

SPECIFICATIONS

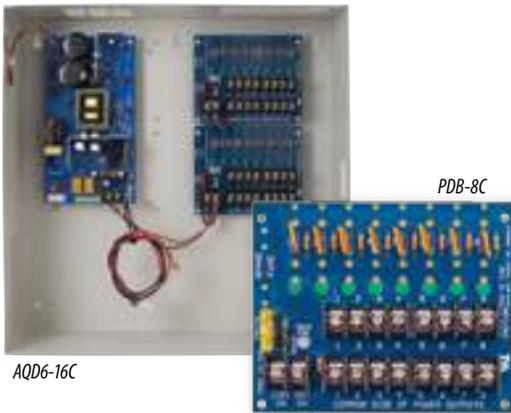
- UL 294 (6th Edition) listed
- UL 603 Listed
- ULC S318 Listed
- UL 1481 Listed
- RoHS compliant
- Environmental Product Declaration

Dimensions:
14" x 14" x 4-3/4" enclosure

- Electrical:**
- 6A at 12VDC or 24VDC output
 - 115 or 230 VAC/50 or 60Hz input
 - Supports up to two (2) sealed gel, AGM or wet lead acid batteries
 - High efficiency: 90% at 24V output, full load
 - Output voltage ripple at full load 240mV p-p

Operating Temperature:
-4 to +122F [-20 to +50C]

Shipping Weight:
12.7 lbs [5.76kg]



AQR6-16C

PDB-8C



AQR6 SERIES

Switching Power Supply

6A / 12 or 24 VDC Dual-Voltage

The Securitron AQR6 Series of switching power supplies are dual voltage supervised units with a battery charger designed to power magnetic locks, electric strikes, card readers, sensors, access control boards and other devices in access control systems. The AQR6 Series can also be used to power DC cameras and other DC locking equipment.

These units provide field selectable 6A at 12 or 24VDC with up to 16 independently controlled power limited outputs. The AQR6 is Securitron's first power supply series that meets UL 294 6th Edition.

Product Number	Amps	Outputs	Class 2 Power Limited	Fuse Rating	Fuse Type	# of Relays	Relay Type	UL294	UL603	ULCS18-96	UL1481
AQR6	6	1	N	-	-	-	-	L	L	L	L
AQR6-8F	6	8	Y	2A	Fuse	0	-	L	L	L	L
AQR6-8C	6	8	Y	1.4A	PTC	0	-	L	L	L	L
AQR6-8F8R	6	8	Y	2A	Fuse	8	Access control w/ Fire	L	L	L	L
AQR6-8C1R	6	8	Y	1.04A	PTC	1	Access control w/ Fire	L	L	L	L
AQR6-16F	6	16	Y	2A	Fuse	0	-	L	L	L	L
AQR6-16C	6	16	Y	1.4A	PTC	0	-	L	L	L	L

L: Listed R: Recognized



6 AMPERAGE



BATTERY BACKUP



DUAL VOLTAGE



SUPERVISION

