



PRODUCT FEATURES

- Dual voltage 6 Amp 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 enables faster battery charging even under full load
- Expandable up to 16 independently controlled outputs; Class 2 power limited outputs available
- Configurable access control input/outputs with fire trigger and fuse/dry contact option, fire relay only or configurable outputs with fire relay input
- MagnaCare® Lifetime Replacement No Fault Warranty

SPECIFICATIONS

- UL 294 (Rev. 6) Listed
- UL 603 Listed
- ULC 5318 Listed
- UL 1481 Listed
- RoHS Lead Free
- CE Compliant

Electrical:

- 6 Amp field selectable 12VDC or 24VDC output
- Selectable 115/230VAC/50 or 60Hz input
- Supports up to two (2) sealed gel, AGM or wet lead acid batteries
- High efficiency: 90% @ 24V output, full load
- Output voltage ripple at full load 100mV

Operating Temperature:

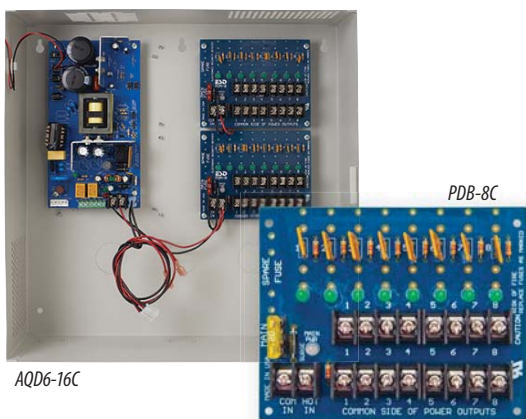
-4 to +122°F [-20 to +50°C]

Dimensions:

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

Shipping Weight:

12.7lbs [5.76kg]



AQD6-16C

PDB-8C



AQD6 SERIES

Switching Power Supply

6 Amp / 12 or 24VDC Dual Voltage

The Securitron AQD6 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 AQD6 Series can also be used to power DC cameras and other DC locking equipment.

These units provide field selectable 6 Amps at 12 or 24VDC with up to 16 independently controlled power limited outputs. The AQD6 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	ULCS318-96	UL1481
AQD6	6	1	N	-	-	-	-	L	L	L	L
AQD6-8F	6	8	N	2A	Fuse	0	-	L	L	L	L
AQD6-8C	6	8	N	1.4A	PTC	0	-	L	L	L	L
AQD6-8F8R	6	8	N	2A	Fuse	8	Access control w/ Fire	L	L	L	L
AQD6-8C1R	6	8	Y	1.04A	PTC	1	Access control w/ Fire	L	L	L	L
AQD6-16F	6	16	N	2A	Fuse	0	-	L	L	L	L
AQD6-16C	6	16	Y	1.4A	PTC	0	-	L	L	L	L

L: Listed R: Recognized



6 AMPERAGE



BATTERY BACKUP



DUAL VOLTAGE



SUPERVISION

