

Securitron AQL Series Single Dual and Multi-Voltage Ready Intelligent Power System Instructions

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AQL Series
Single, dual & multi-voltage ready intelligent power system



An out-of-the-box solution that offers unique performance and value.

The AQL Series of switching power supplies is an out-of-the-box solution that makes installation easier. It is feature rich, network management ready and available in 12 or 24 VDC single, dual and multi-voltage units.



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Features

Standard Features

- Low battery cutoff protects batteries from deep discharge
- · Dedicated fast charger prolongs battery life
- Enhanced surge immunity for input/output protection
- LockSafe™ keeps locks cooler by providing a separate, dedicated battery charging circuit
- OutSmart[™] technology dual-color LEDnotification which prevents incorrect voltage application to locking devices [Green: 12 V | Blue: 24 V]
- Auxiliary output rated 1.4 A continuous
- · Mix and match UL Listing
- · Instant auto-switch to battery on AC loss
- Multi-voltage with B100
- Integrated Fire Alarm Interface (FAI) allows main output shutdown or disconnect on a per output basis when using an R8 output module
- Network ready with optional Netlink™ module
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Optional Features

- Enhanced Network Management
 - AC line voltage monitoring
 - Remote battery monitoring and testing
 - 1000 event data recording
 - Email fault reporting

Specifications

Certifications

- UL 294 Listed
- UL 603 Listed

- UL 1076 Listed
- ULC-S318 Listed
- ULC-S319 Listed
- CSA C22.2 #107.1
- RoHS Compliant

Electrical

- 12 VDC or 24 VDC output
- 12 VDC & 24 VDC output (optional) with B100
- 120 or 230 VAC input
- Up to 91% efficiency

Environmental

• Operating Temperature: 32° to 120° F [0° to 49° C]

Max Shipping Weight

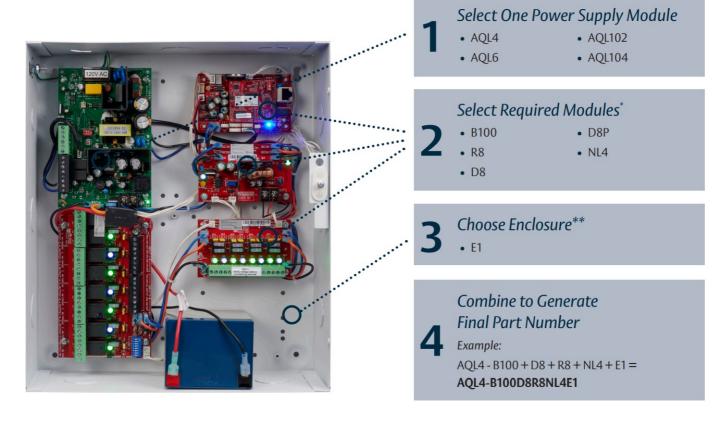
• 15.50 lbs [7 kg]

Dimensions

• 14"H x 12"W x 4.5"D [355.6mm H x 304.8mm W x 114.3mm D]



Step by Step Configuration



Models

MODELS	AMPER AGE	RATED VO LTAGE	INPUT VO LTAGE	TYPICAL OUT PUT VOLTAG E	MULTI-VOLTA GE READY	CLASS 2 OUTPUTS	
AQL4*	4	12 VDC	120/230 VA	12.5 or 25 VD C	Yes	Yes	
	3	24 VDC	С				
AQL6	6	12 or 24 VD C	120/230 VA C	12.5 or 25 VD C	Yes	with PTC distribution b oards	
AQL102	10	12 VDC	120/230 VA C	12.5 VDC	Yes**	with PTC distribution b oards	
AQL104	10	24 VDC	120/230 VA C	25 VDC	Yes	with PTC distribution b oards	

^{*}AQL4 is field selectable. **Multi-voltage of 5 to 9 VDC only

How to Order

POWER SUP PLY MODUL E	SECONDAR Y VOLTAGE MODULE	DISTRIBUTI ON MODULE	D8 FUSE ST YLE	RELAY MOD ULE	NETLINK M ODULE	ENCLOSURE
AQL4	-B100	2D8	Р	R8	NL4	E1
AQL4	(blank)	(blank)	(blank) 3 A A TM Fuse	(blank)	(blank)	(blank) Module Only E1
AQL6		D8		R8	NL4	
AQL102	B100	2D8	P 2.5 A PTC	2R8		
AQL104	100	3D8	Polyswitch	3R8		
		6D8		Jiio		

AQL4 in an E1 enclosure has six module spaces where B100, NL4 and D8/D8P each take up one module space. R8 takes up two module spaces.

AQL6, AQL102 and AQL104 in an E1 enclosure has four module spaces where B100 , NL4 and D8/D8P each take up one module space. R8 takes up two module spaces.

Updated 1/11/22 Printed in the U.S.A.

Patent pending and/or patent www.assaabloydss.com/patents

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Documents / Resources



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AQL Series Single Dual and Multi-Voltage Ready Intelligent Power System, AQL Series, Single Dual and Multi-Voltage Ready Intelligent Power System, Multi-Voltage Ready Intelligent Power System, Intelligent Power System, Power System

Manuals+,