



Power Supply Portfolio

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Power Supply Overview



- Full product line designed to address the needs of the Access Control market.
- All power supplies and option boards are UL294 Listed.
- All supplies will accept option boards without need for special rack or adapter
- Same power rating at ideal 12 and 24 VDC, with universal 110 – 220 V input
- New alarm board mounting provides greater configuration possibilities
- VDI power supply output increased to 4 amps, more options with available option boards
- New 6 amp power supply to address unserved access control markets

Increased Functionality...

Redesigned to Simplify Installation & Wiring and Improve Performance

Power Supply Overview Cont'd

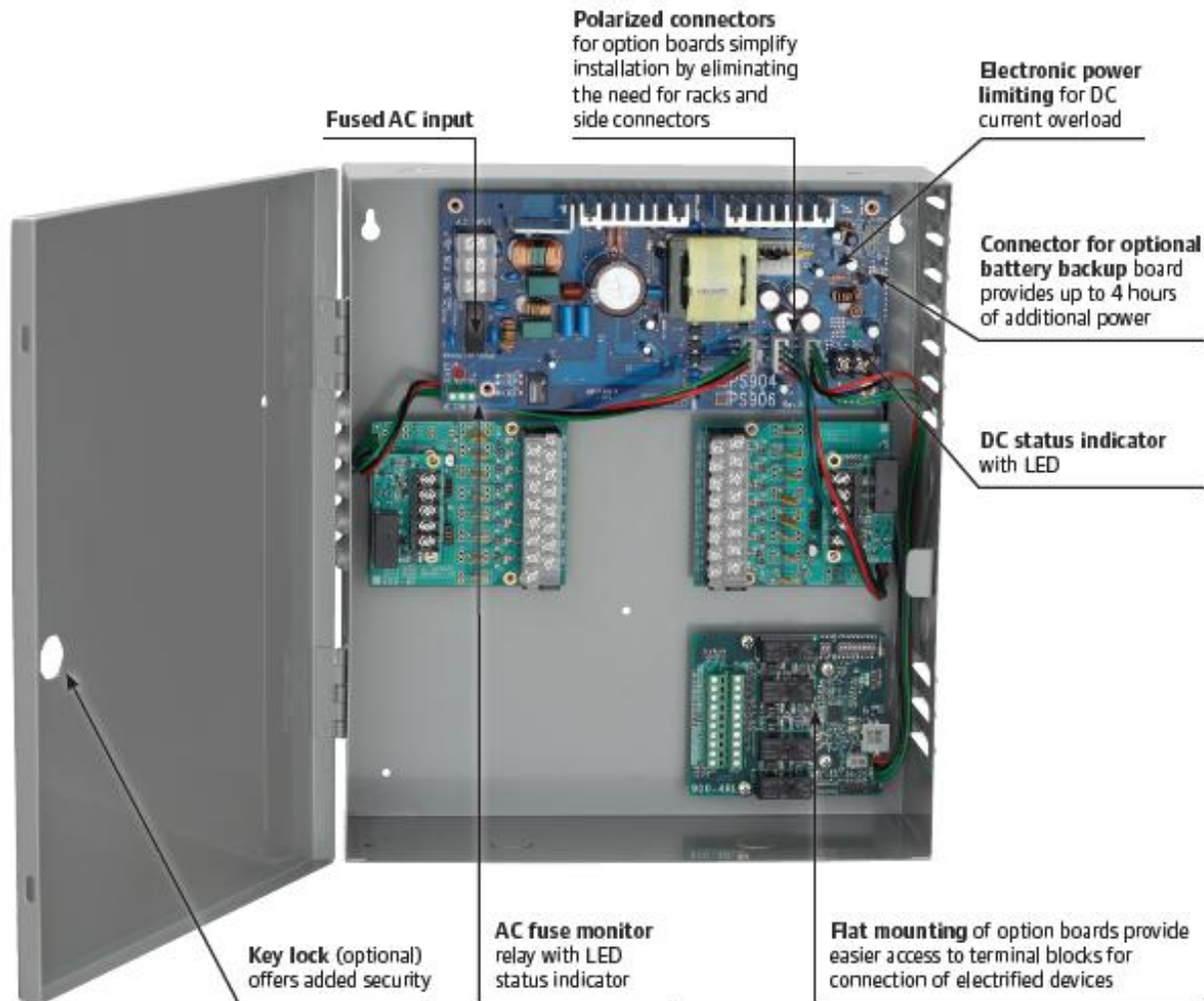


- All option boards now compatible with all power supplies *
- New option boards available (8F, 8P)
- Electronic current limiting replaces main fusing (eliminates slo-blo fuse)
- Additional options added to logic board
 - Field configurable, one board, by setting of dip switches
- Battery board auto-selects voltage
- Universal input 120/240 VAC 50/60 Hz

** 900-2RS controls EL only and therefore limited to 914.*

Increased Functionality...
Redesigned to Simplify Installation & Wiring and Improve Performance

PS900 Power Supplies Design Highlights



Note: The PS906 power supply is pictured above, configured with two 900-8P FAs and one 900-4RL.

Power Supply Cross Reference List



PS900 Model	PS900 Summary	Legacy Supply
PS902 	2 A @ 12/ 24V 1 option board connector 1 fire alarm connector 1 battery board plug	505 (1A @ 12/24V) 510 (2A @ 24V) 861 (2A @ 12V, 1A @ 24V)
PS904 	4 A @ 12/24V 2 option board connectors 1 battery board connector	510 (3A @ 12V) 873 (4A @ 12V 2A @ 24V) - no inrush app's SBB-3 (24V, 3A)
PS906 	6A @ 12/24V 3 option board connectors 1 battery board connector	515 (5A @ 24V) SBB-5 (5A @ 24V) 515 (10A @ 12V) – no exact match SBB-20 (10A @ 24V) – no exact match
PS914 (Designed with hi-inrush for EL's) 	12/24V, 4A Hi Inrush 2 option board connectors 1 battery board connector	PS873

Power Supply Options Board List



PS900 Model	PS900 Summary	Legacy Supply
900-2RS VON DUPRIN.	2 Zone control with sequencing For use with PS914 ONLY; Designed for Control of High Inrush EL's	871-2 card
900-2Q VON DUPRIN.	2 Zone control for QEL Can be used on all PS900 Models	2Q card
900-4R SCHLAGE	4 Relay control, no timing or logic Can be used on all PS900 Models	DCM RCM
900-4RL SCHLAGE	4 Relay control with logic - Field programmable Can be used on all PS900 Models	4TD SI AO DCM + TDM RCM + TDM <i>*DE, AL, AC function discontinued</i>
900-8F SCHLAGE	8 fused 4A max outputs Can be used on all PS900 Models	NEW
900-8P SCHLAGE	8 PTC 1.8A output (class2) Can be used on all PS900 Models	NEW
900-BBK SCHLAGE	Battery Backup w/ batteries Can be used on all PS900 Models	873-BB
900-FA SCHLAGE	Fire Alarm Can be used on all PS900 Models	FA EIR

PS902 Overview



- **Summary:**
 - Schlage Electronics 2A Power Supply.
 - **Input: 120V/240VAC, 50/60HZ universal input**
 - Output: 12VDC or 24VDC selectable, 2A
 - **UL294**
- **Compatible With:**
 - Option Boards 900-2Q, 900-4R, 900-4RL, 900-8F, 900-8P, (accepts ONE of these)
 - 900-BB, 900-FA (accepts both of these)
 - ***Not intended for EL, Chexit, or Inpact application.***
- **Key Features:**
 - **Class 2 output, with or without battery board.**
 - **AC Fuse Monitor Relay**
 - No output DC fuse. Electronic current limiting foldback circuit used.
 - ***Triggered when output current exceeds maximum rating by approximately 1A.***
 - **Enclosure with optional keylock**



PS902 Shown with
Optional 900-2Q

PS-904 Overview



- **Summary:**
 - Schlage Electronics 4A Power Supply.
 - **Input: 120V/240VAC, 50/60HZ universal input**
 - Output: 12VDC or 24VDC selectable, 4A
 - **UL294**
- **Compatible With:**
 - Option Boards 900-2Q, 900-4R, 900-4RL, 900-8F, 900-8P, (accepts **TWO** of these)
 - 900-BB
 - ***Not intended for EL, Chexit, or Inpact application.***
 - **Does NOT accept 900-FA without an option board**
- **Key Features:**
 - Class 2 output, with and without battery board
 - **AC Fuse Monitor Relay**
 - No output DC fuse. Electronic current limiting foldback circuit used.
 - ***Triggered when output current exceeds maximum rating by approximately 1A.***
 - **Enclosure with optional keylock**



PS904 Shown with
Optional 900-8F FA, 900-
4R FA and 900BBK
(Battery Back Up Kit)

PS-906 Overview



- **Summary:**
 - Schlage Electronics 6A Power Supply.
 - **Input: 120V/240VAC, 50/60HZ universal input**
 - Output: 12VDC or 24VDC selectable, 6A
 - **UL294**
- **Compatible With:**
 - Option Boards 900-2Q, 900-4R, 900-4RL, 900-8F, 900-8P, (accepts **THREE** of these)
 - ***Not intended for EL, Chexit, or Inpact application.***
 - 900-BB (NOTE: BB can be installed UNLESS 3 option boards installed)
 - **Does NOT accept 900-FA without an option board**
- **Key Features:**
 - ***Not Class 2 output by itself. Individual outputs of 8P board make this class 2.***
 - **AC Fuse Monitor Relay**
 - No output DC fuse. Electronic current limiting foldback circuit used.
 - ***Triggered when output current exceeds maximum rating by approximately 1A.***
 - **Enclosure with optional keylock**



PS906 Shown with
Optional 900-8P FA (two)
and 900-4RL

PS-914 Overview

VON DUPRIN.

- **Summary:**
 - Von Duprin 4A High Inrush Power Supply **design for Ingersoll Rand EL, Chexit, and Impact devices.**
 - **Input: 120V/240VAC, 50/60HZ universal input**
 - Output: 12VDC or 24VDC selectable, 4A
 - **UL294**
 - Works with existing potted module; new potted module NOT required
- **Compatible With:**
 - Option Boards 900-2RS, 900-2Q, 900-4R, 900-4RL, 900-8F, 900-8P, (accepts **TWO** of these)
 - 900-BB
 - **Does NOT accept 900-FA without an option board**
- **Key Features:**
 - Class 2 Output, **with and without battery board.**
 - **AC Fuse Monitor Relay**
 - No output DC fuse. Electronic current limiting foldback circuit used.
 - ***Triggered when output current exceeds maximum rating by approximately 1A.***
 - **Enclosure with keylock**



**PS914 Shown with
Optional 900-2RS (two)**

PS900 Distribution Points



Power supplies and option board will ship from the following locations:

	Brand	Schlage Lock @ Security CO	Von Duprin @ Indianapolis IN
PS902	Schlage	x	x
PS904	Schlage	x	
PS906	Schlage	x	
PS914	Von Duprin		x
900-2RS	Von Duprin		x
900-2Q	Von Duprin	x	x
900-4R	Schlage	x	x
900-4RL	Schlage	x	x
900-8F	Schlage	x	x
900-8P	Schlage	x	x
900-BBK	Schlage	x	x
900-FA	Schlage	x	x

Note: Consistent Part Number and List Price

Top 5 Things To Know



- All Power Supplies and option boards are UL294 listed
- New Alarm Board Mounting provides greater flexibility for more configuration options
- Common connectors on option boards means no racks or special mounting hardware required.
- Same amperage output at 12 V or 24 V settings
- New Fused Output Boards provide 8 individually fuse protected outputs

FAQ's



- Q: What do we do if a legacy PS873 is upgraded to a PS914 but it is size constrained or already plumbed?
A: A retrofit kit has been designed to be installed in the same enclosure as the legacy PS873. This eliminates the need to rerun any existing conduit or relocate other installed devices. New retrofit kit supports the installation of 900-2RS, 900-2Q, 900-4RL, and 900-BB/BBK. 900-FA can be mounted on option board (s) as well.
- Q: Will there be a BAA option available?
A: BAA Options will be available on power supplies and option boards that are factory configured. Available Mid April.
- Q: Can the new 900-2Q distribution board be used in the 4 and 6 amp power supplies?
A: Yes. 900-2Q option boards are compatible with all new PS900 series power supplies for QEL applications.

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Thank You!

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