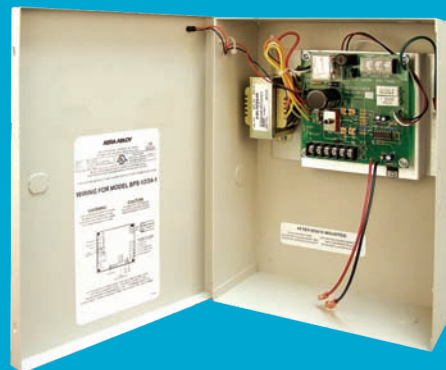# Securitron®
BPS 12/24-1 Dual Voltage Linear Power Supply

Linear power for sensitive electronics

The Securitron BPS series of power supplies delivers linear technology recommended by most manufacturers of sensitive electronic access control and security components.

Safe for use with readers, electric strikes, and maglocks, these units interface to fire alarm systems and provide battery backup. The Securitron BPS-12/24-1 is UL Class 2 listed.

Features

Standard Features

- Dual voltage, field selectable 12 or 24 VDC via clearly marked toggle switch
- Supplies 1 full amp continuous current output, even while charging back-up batteries
- Linear regulated power supply provides the cleanest power available
- UL Class 2 power limited output
- SPDT AC monitoring output allows for remote monitoring of the power supply's 110 VAC input
- External LED indicator (AC and DC) easily determines power status
- UL Listed, low-current fire alarm disconnect requires only a minimum size fire alarm relay and wire gauge

- Polyswitch 2 A breaker allows for large short duration inrush current if batteries are installed (approx. 20 A for 1 second)
- Line voltage and DC fuses
- Sealed lead acid or gel battery charging capability (battery sold separately)
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Securitron BPS 12/24-1 Dual Voltage Linear Power Supply

Specifications

Certifications
- UL Listed

Electrical
- 12 V/24 V selector switch
- Input Voltage: 120 VAC
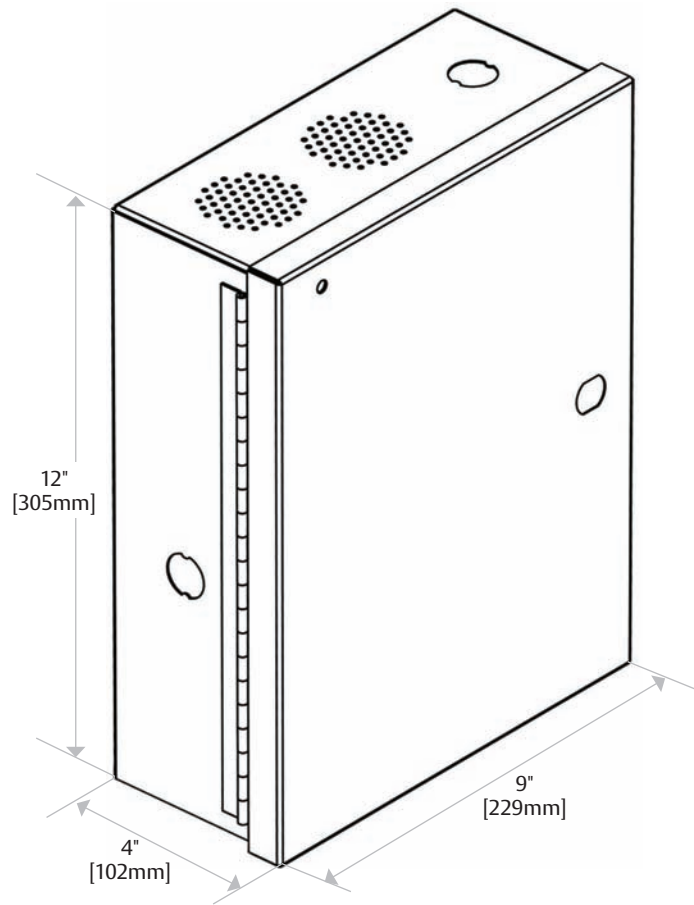- Output Current: 1 A at 12 VDC or 24 VDC

Operating Temperature
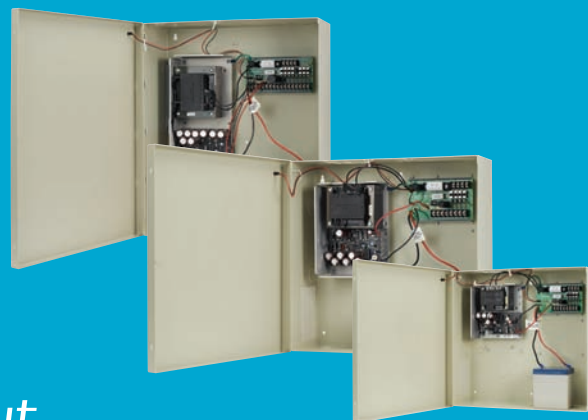- 32˚ to 105˚ F [0 to 40˚ C]

Shipping Weight
- 9 lbs [4.08 kg]

PART NUMBER	DESCRIPTION
BPS-12/24-1	Dual Voltage Power Supply—12/24 VDC, 1 A

Dimensions

12"
[305mm]

9"
[229mm]

4"
[102mm]

Securitron®
BPS Linear
Power Supply

12 VDC or 24 VDC linear output
for high performance

The Securitron BPS series single voltage power supplies deliver linear technology recommended by most manufacturers of sensitive electronic access control and security components.

Safe for use with readers, electric strikes, and maglocks, these units interface to fire alarm systems and provide battery backup. The Securitron BPS power supplies provide 12 VDC or 24 VDC output with a variety of amp sizes that support small or large power needs.

Features

Standard Features

- 1, 4 or 8 outputs protected with polyswitch (PTC) 2 A circuit breakers
- LEDs provide an easy-to-read voltage indicator for output zone status (voltage, no voltage)
- Slide switches connect or disconnect load from power (excludes 1 A)
- Battery charging and backup capability (battery sold separately)
- Rugged steel enclosure
- Fire alarm relay connection for release of all devices upon fire alarm activation
- Clean linear power for flawless operation with all sensitive active electronic components
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Securitron BPS Linear Power Supply

Specifications

Certifications
- UL 294 Listed
- CSA-C22.2 No.205 Listed
- MEA—City of New York Approved

Electrical
- Input Voltage: 120 VAC

Environmental
- Operating Temperature: 32˚ to 105˚ F [0 to 40˚ C]

Shipping Weight
- BPS-12-1, BPS-24-1: 9 lbs [4.08kg]
- BPS-12-3, BPS-24-2: 15 lbs [6.80kg]
- BPS-12-45, BPS-24-3: 18 lbs [8.16kg]
- BPS-12-6, BPS-24-4: 24 lbs [10.89kg]
- BPS-12-9, BPS-24-6: 28 lbs [12.70kg]
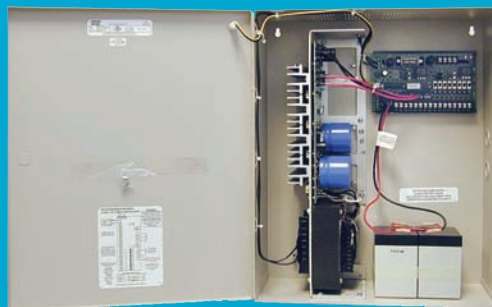- BPS-12-15, BPS-24-10: 33 lbs [14.97kg]

Dimensions

12 VDC	CAPACITY	24 VDC	CAPACITY	CABINET SIZE	OUTPUTS
BPS-12-1	1 A	BPS-24-1	1 A	12" x 9" x 4" [305mm x 229mm x 102mm]	1
BPS-12-3	3 A	BPS-24-2	2 A	14" x 14" x 4" [305mm x 356mm x 102mm]	4
BPS-12-45	4.5 A	BPS-24-3	3 A	14" x 14" x 4" [305mm x 356mm x 102mm]	4
BPS-12-6	6 A	BPS-24-4	4 A	15" x 18" x 6" [381mm x 457mm x 152mm]	8
BPS-12-9	9 A	BPS-24-6	6 A	15" x 18" x 6" [381mm x 457mm x 152mm]	8
BPS-12-15	15 A	BPS-24-10	10 A	15" x 18" x 6" [381mm x 457mm x 152mm]	8

How to Order

MODEL SERIES	VOLTAGE		OUTPUT POWER	
BPS	**– 24**		**– X**	
BPS	12	12 VDC	X	Output in Amps
	24	24 VDC		

Securitron® BPSM Self-Monitoring Power Supply

Clean linear output with built-in supervision

The Securitron BPSM self-monitoring power supply delivers all the benefits of linear technology with battery supervision for real-time power status information.

This unit is the right choice when interfacing to fire alarm systems with auxiliary relays that can't handle the full current potential of the power supply, or when monitoring power systems for AC failure or DC battery failure. Securitron BPSM status LED indicators and status output terminals offer advanced protection.

Features

Standard Features

- Polyswitch (PTC) 2 A output breakers protect 8 outputs
- Easy-to-use slide switches connect or disconnect load from power
- LED indicators (AC and DC) provide easy-to-read visual status of power supply
- Emergency low-current, fire-release terminals
- AC status output terminals provide real time status information, SPDT, 3 A
- Battery status output terminals supply real time information, Form "C" SPDT, 3 A
- Line voltage and DC fuses
- Sealed lead acid or gel battery charging capability (battery sold separately)
- Automatic battery disconnect to prevents deep discharge
- Clean linear power delivers flawless operation with all sensitive active electronic components
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Optional Features

- **Output Current**
  — 6 A at 12 VDC
  — 9 A at 12 VDC
  — 9 A at 12 VDC
  — 4 A at 24 VDC
  — 6 A at 24 VDC

Securitron BPSM Self Monitoring Power Supply

Specifications

Certifications
- ANSI/UL 294 Listed
- CSA-C22.2 No.205 Listed

Electrical
- Input Voltage: 120 VAC
- Voltage and Capacity
  — 12 VDC - 6 A, 9 A, 9 A
  — 24 VDC - 4 A, 6 A, 10 A
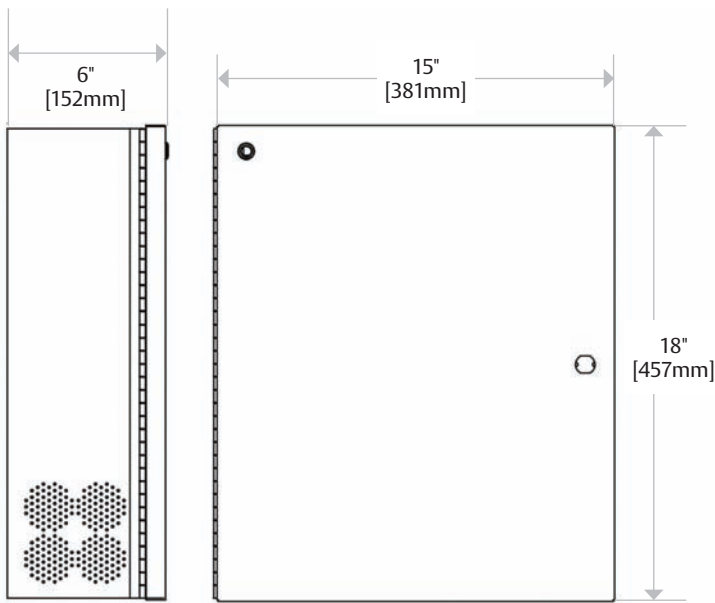- Monitoring: 110 VAC Status, Battery Status

Environmental
- Operating Temperature: 32˚ to 105˚F [0 to 40˚C]

Shipping Weight
- BPSM-12-6, BPS-24-4: 24 lbs [10.89kg]
- BPSM-12-9, BPS-24-6: 28 lbs [12.70kg]
- BPSM-12-15, BPS-24-10: 33 lbs [14.97kg]

Dimensions

6" [152mm] — 15" [381mm] — 18" [457mm]

How to Order

MODEL SERIES	MONITORING OPTIONS	VOLTAGE	OUTPUT POWER
BPS	M	– 24	– X
BPS	M PSM Monitoring	12 12 VDC	X Output in Amps
		24 24 VDC	

Not every combination is possible. Please contact the factory if you need a combination of features not listed on this page.