

IPP-AL400-ULPS Power Supplies (4.0 A)

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Invented for life



- ▶ Filtered and electronically regulated outputs
- ▶ Short circuit and thermal overload protection
- ▶ Built-in charger
- ▶ Automatically switches to standby battery when AC fails
- ▶ Three supervision outputs

The IPP-AL400-ULPS is a switching power supply and charger. It converts 115 VAC, 50 Hz to 60 Hz input into single 12 VDC or 24 VDC Class 2 Rated power-limited output.

Functions

Supervision Monitoring

The IPP-AL400-ULPS Power Supply monitors three independent outputs for the following failure conditions:

- AC failure
- Low battery
- Battery presence

Certifications and approvals

The following table lists the certificates available for download from the Product Page at www.boschsecurity.com.

Region	Certification
USA	UL Bosch Security Systems, Inc. - AMCX.S1871, Central Station Alarm Units; AOTX.S1871, Local Alarm Units; APAW.S1871, Police Station-connected Alarm Units; APOU.S1871, Proprietary Alarm Units; NBSX.S1871, Household Burglar Alarm System Units;

Region	Certification
	UOXX.S5579, Control Unit Accessories, System; UTOJ.S1871, Control Units and Accessories, Household System Type
	UL Altronix Corporation - ALVY: Access Control System Units (ANSI/UL294), APHV: Power Supplies for Use with Burglar-Alarm Systems (ANSI/UL603), NBRZ: Hospital Signaling and Nurse Call Equipment (ANSI/UL1069), and UTRZ: Power Supplies for Fire-Protective Signaling Systems (UL1481)
	CSFM California State Fire Marshal (see our website)

Installation/configuration notes

Compatibility Information

The IPP-AL400-ULPS is compatible with any device requiring 12 VDC or 24 VDC. The ULPS enclosure and the following modules have been listed for use together:

- IPP-AL400-ULPS Power Supply
- IPP-PD4-ULCB Power Distribution Module
- C900V2 Dialer Capture Module
- D9210C Access Control Interface Module
- B426 Ethernet Communication Module

Mounting Considerations

The IPP-AL400-ULPS enclosure has two three-hole mounting patterns. The mounting pattern will support any one of the following combinations:

- Two B426 Ethernet Communication Modules
- Two D9210C Access Control Interface Modules
- One B426 and one D9210C

The enclosure also supports up to two Conettix IP C900V2 Dialer Capture Modules and one IPP-PD4-ULCB Power Distribution Module.

Technical specifications

Electrical

Power Input

Voltage:	115 VAC, 50 Hz to 60 Hz
Current:	1.45 A
Input Fuse:	3.5 A, 250 V Short circuit and thermal overload protection

Power Output

Voltage:	12 VDC or 24 VDC, selectable
Current:	12 VDC at 4 A 24 VDC at 3 A
Class:	Class 2 Rated power limited

Battery Power

Maximum Charge Current Output:	7 A
Type:	Sealed lead-acid or gel-type batteries

Mechanical

Enclosure Dimensions:	51.8 cm x 41.3 cm x 10.2 cm (20.375 in. x 16.25 in. x 4 in.)
Material:	Red steel, 1.2 mm thick
Supervision Outputs:	Three <ul style="list-style-type: none"> • AC Failure (Form C contacts) • Low Battery (Form C Contacts) • Battery Presence (Form C Contact)

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

IPP-AL400-ULPS Power Supply

Includes one power supply and one enclosure.
Order number **IPP-AL400-ULPS**

IPP-AL400-ULPS Power Supply Kit 1

Includes one power supply, one enclosure, and one IPP-PD4-ULCB Power Distribution Module.
Order number **IPP-AL400-ULK1**

IPP-AL400-ULPS Power Supply Kit 2

Includes one power supply, one enclosure, one IPP-PD4-ULCB Power Distribution Module, and one B426 Ethernet Communication Module.
Order number **IPP-AL400-ULK2**

IPP-AL400-ULPS Power Supply Kit 3

Includes one power supply, one enclosure, and one IPP-PD4-ULCB Power Distribution Module. The Power Distribution Module is pre-installed and pre-wired.
Order number **IPP-AL400-ULK3**

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