IPP-AL400-ULPS Power Supplies (4.0 A)

www.boschsecurity.com

BOSCH
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; UOXX.S5579, Control Unit Accessories, System; UTOU.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

Mechancial

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 • 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-ULKT1**

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-ULKT2**

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-ULKT3**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
emea.securitysystems@bosch.com
emea.boschsecurity.com

North America:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

© Bosch Security Systems 2016 | Data subject to change without notice
2549546123 | en, V7, 22. Jul 2016