

HW-AV-ENC2-PS

CLSS PATHWAY POWER SUPPLY

12V Power Supply with Metal Enclosure for CLSS Pathway

The Honeywell® CLSS Pathway is dual path, dual SIM, and dual listed with integrated features powered by the CLSS Cloud. The CLSS Pathway Power Supply provides flexibility and reliability with support for applications requiring a dedicated power source.

The CLSS Pathway Power Supply is designed to power the CLSS Pathway communicator in fire alarm systems. It provides regulated DC supply with integrated battery backup and fault monitoring. The unit complies with UL 864, UL2610, and other life safety standards.

This CLSS Pathway Power Supply includes a metal enclosure, integrated power supply, and mounting options for the CLSS Pathway. This supports mounting the CLSS Pathway and (1) 12V battery at 7 Ah, 8 Ah, or 8.5 Ah. Antenna included with the CLSS Pathway may be mounted on top and secured with the included metal bracket.

FEATURES AND BENEFITS

- Output: 610mA @ 12 VDC - 15 VDC, Charging: 8.5Ah maximum
- Mounting Options for CLSS Pathway (HW-AV-LTE-M-2 sold separately)
- Bracket for standard 7Ah battery
- Two form C normally-energized trouble relays - one for AC Trouble and Other for Battery Trouble, Charger Trouble, Communication path failures, and other general troubles
- Configurable AC trouble report delay (Ohrs, 1hr) via jumper position
- Diagnostic LEDs visible from exterior
- Double knockouts and removable door for ease of installation and wiring
- Predrilled for Tamper switch installation
- Includes Antenna retaining bracket

AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to the HW-AV-ENC2-PS Power Supply. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Contact Honeywell for the latest listings.

- **ETL Listed for UL864 & UL2610 Standard:** 5035283
- **FCC** (For HW-AV-LTE-M mounted in HW-AV-ENC2-PS)

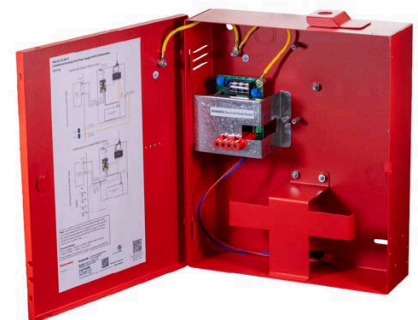
STANDARDS AND CODES

National Fire Protection Association:

- NFPA 70
- NFPA 72

ORDERING INFORMATION

- **HW-AV-ENC2-PS:** 12V Power Supply with Metal Enclosure for CLSS Pathway (HW-AV-LTE-M-2 sold separately)
- **HW-AV-LTE-M-2:** CLSS Pathway, Fire Alarm Dual Path Communicator, LTE Dual SIM, includes antenna, ETL & UL Listed HW-AV-LTE-M. Refer to datasheet HON-62123 for additional information
- **PS-1270-F1:** Power Sonic 12V 7Ah Sealed Lead-Acid Battery
- **NP7-12:** Yuasa 12V 7Ah Sealed Lead-Acid Battery
- **17044:** Fire-Lite Lock
- **17003:** Fire-Lite set of keys



CLSS Pathway Power Supply
(HW-AV-ENC2-PS)

HW-AV-ENC2-PS TECHNICAL SPECIFICATIONS

Characteristics	Imperial Unit	Metric Unit
Electrical		
Supply Voltage	Primary Input: 120 VAC to 240 VAC, 50/60 Hz, 200 mA maximum Secondary: One Sealed Lead Acid Battery 12VDC, 7Ah, 8Ah, or 8.5Ah	
AUX Output Voltage	12 VDC - 15 VDC, 0.61 A	
Battery	Supports (1) 12V battery at 7Ah, 8Ah, or 8.5Ah (Battery cable included in unit)	
Environment		
Operating Temperature	14°F to 140°F	-10°C to 60°C
Relative humidity:	0% to 93% Non-condensing	
Physical		
Dimensions	9.96" L x 11.89" W x 2.95" D	253 mm L x 302 mm W x 75 mm D
Weight	5.2 lb	2.36 kg
RoHS	Yes	
Other Specifications		
<ul style="list-style-type: none"> Relays: 2 Normally energized Relays, 1 Output for each relay: N.O. / C, Rating: 1A @ 24 VDC LED Indication: 1x LED Green ON- AC present, OFF- AC loss; 1x LED Blue - battery fail, or other troubles Annunciation: All sounds are triggered and generated from the FACP 		

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

HW-AV-LTE-M CLSS PATHWAY

Connected Life Safety Services (CLSS) Dual-Path LTE Communicator with Dialer Capture Interface

The Honeywell® CLSS Pathway is a differentiated communications platform with dual SIM support for AT&T® and Verizon® and integrated features powered by the CLSS Cloud.

The CLSS Pathway combines dialer capture functionality with the powerful capabilities of Honeywell's CLSS Cloud. It represents the latest alarm communications technology for the fire industry. CLSS Pathway, an UL864 listed communicator allows data transfer from alarm systems at remote sites to any Central Monitoring Station and CLSS Cloud using LTE CAT-M1 network and LAN.

This device provides a single site-to-cloud path ensuring all CLSS Cloud services use the same audited and monitored method to access the on-premise life safety system.

HONEYWELL CONNECTED LIFE SAFETY SERVICES (CLSS)

Honeywell CLSS is an innovative, all-in-one cloud platform that enables systems integrators and facilities managers to deliver an enhanced fire safety service, while maximizing the performance efficiencies offered by Honeywell's trusted detection and alarm systems. The CLSS platform enables users to:

- Transmit Fire Alarm Control Panel events to Central Monitoring Station
- Get a "bird's eye" view of all accounts
- Obtain real-time information on event generation, enabling diagnosis before dispatch
- Conduct tests and inspections using a mobile app (available in select markets)
- Provide end users with multi-site asset information and event alerts
- Support contextual information for First Responders (available in select markets)

DUAL AT&T AND VERIZON SUPPORT

Equipped with dual SIM cards, the CLSS Pathway supports both AT&T and Verizon networks. When first powered on, the communicator connects through the primary cellular network (Verizon). If primary cellular pathway is not available, the device connects through the secondary cellular network (AT&T). Supports option to change the default primary cellular network from Verizon to AT&T using CLSS Mobile App or CLSS Site Manager.

SIMPLIFIED INSTALLATION

The CLSS Pathway is commissioned via the CLSS mobile app and CLSS Site Manager interface, which also allow for additional remote visibility.

Connection and mounting is simplified using the enclosure kit. The CLSS Pathway is compatible with any fire alarm dialer using Contact ID, SIA, or 4x2 format and automatically recognizes the format when powered up. Any number can be programmed into the panel phone numbers. Installers can select the central station service they wish to use from a list of approved central station providers. Only account numbers assigned by the central station must be programmed and the dialer selected for tone dialing output.

FEATURES AND BENEFITS

- CLSS enables monitoring of event transmission data & management of device inventory from the CLSS mobile app and web portal (available only when using point-based reporting)
- Meets UL864 requirements for Sole and Dual Path communications. Supports sole path communication leveraging redundant cell carriers (dual-SIM, Verizon, or AT&T) or a dual-path communication using IP as the primary path and redundant cellular carriers as the secondary path
- CLSS mobile app supports push and email notifications
- Remote firmware updates
- High reliability due to multiple transmission channels (LTE CAT-M1/LAN) and redundant servers
- Universal Panel Compatibility - Dialer capture interface supporting Contact ID, SIA or 4x2. (Supported SIA formats - SIA8, SIA20, SIA2000. Supported 4x2 frequencies - 1400 Hz, 2300 Hz)
- Unique "M1" Network is 5G ready, providing deep signal penetration that allows operation within buildings
- Four supervised inputs for non-dialer panels
- Exceptional Redundancy - Dual-SIM device. If one network becomes unavailable, the communicator connects to the other network
- Powered directly by a 24-volt DC fire alarm power supply. No need for additional batteries, transformer, or power supply
- Connection monitoring - adjustable fault reporting time
- Web-based software and smartphone app for device configuration and administration



Metal enclosure (HW-AV-ENC) for housing CLSS Pathway (HW-AV-LTE-M)



CLSS Pathway (HW-AV-LTE-M)

HW-AV-LTE-M TECHNICAL SPECIFICATIONS

Characteristics	Imperial Unit	Metric Unit
Electrical		
Supply Voltage	+12 to +29 VDC	
Power Consumption	<ul style="list-style-type: none">Standby: 60 mAPeak: 200 mA	
Frequency	LTE CAT-M1 700/850/1700/1900/2100 MHz	
Environment		
Operating Temperature	32°F to 120°F	0°C to 49°C
Relative humidity:	1% to 85% Non-condensing	
Physical		
Dimensions	3.54" L x 2.48" W x 1.26" D	90 mm L x 63 mm W x 32 mm D
Weight (without antenna)	2.56 oz	72.57 gm
RoHS	Yes	
Network Providers		
<ul style="list-style-type: none">AT&T, North AmericaVerizon, North AmericaOther provider in the area networks		

AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to the HW-AV-LTE-M Communicator. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Contact Honeywell for the latest listings.

- **UL Listed for UL864 Standard:** S35608
(Note: Check for UL receiver compatibility with Central Station)
- **ETL Listed for UL864 & UL1610 Standard:** 5013005
- **FCC**
- **CSFM:** 7300-1637: 0511
- **FDNY:** 2022-TMCOAP-001312-CERT
- **LAFD**

STANDARDS AND CODES

National Fire Protection Association:

- NFPA 70
- NFPA 72

Honeywell International, Inc.

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ORDERING INFORMATION

- **HW-AV-LTE-M-2:** CLSS Pathway, Fire Alarm Dual Path Communicator, LTE Dual SIM, includes antenna, ETL & UL Listed HW-AV-LTE-M.
- **HW-AV-ENC:** Enclosure for the CLSS Pathway (HW-AV-LTE-M)

CUSTOMER SUPPLIED EQUIPMENT

Mobile Device for LTE Communicator configuration (either iOS or Android).

Android™ is a trademark of Google, Inc.

AT&T® is a registered trademark of the AT&T Properties, L.P.

Honeywell® is a registered trademark of Honeywell International, Inc.

iOS® is a registered trademark of Cisco Systems Inc. licensed by Apple Inc.

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