

Universal Power Supply

APPLICATION

The Universal Power Supply easily drops into knockouts located in the bottom panel of Leviton's Series 280 and 420 Structured Media™ enclosures, providing a 12 VDC power source for up to 9 devices. The power supply will operate with any incoming AC voltage in the range of 100V to 240V.

STANDARDS COMPLIANCE

Meets all applicable standards: cULus Listed (UL 1950 and CSA equivalent). Conforms to normalized site attenuation limits and construction specifications (EMI/RFI filtering) as set in the EN 55022, CSCR 16 & 22, and ANSI C63.4 documents. UL/EN 60950 compliant. Includes ACA and NOM.

PHYSICAL SPECIFICATIONS

Dimensions: 9.64"L x 2.52"W x 6.25"D

Color: White painted cover
Black DC connector cables

Environment:

Operating Temperature: 0°C to 50°C
Storage Temperature: -40°C to 85°C

ELECTRICAL SPECIFICATIONS

Input AC Voltage Rating: 100-240 VAC
Internal AC Fuse: Input Current, 2 Amps (AC/DC power supply)
Input Current Rating: 15 Amps, max
AC Power Output: 100-240 VAC via IEC Class 1, 10 Amp outlet (UL/CSA 15 Amp @ 250 VAC)
DC Power Output: 40 Watts (3.3 Amps), max (AC/DC power supply and IEC connector)
Source Frequency: 47-63 Hz
DC Outputs: 9 Outputs at 12 VDC \pm 2%;
Max current = 3.3 Amps
Inrush Current: < 50 Amps @ 264 VAC
Efficiency: 84% Typical
LED: One green LED to indicate DC Power is available.
Short Circuit: Continuous
Surge Protection: Maximum Continuous
Operating Voltage (MCOV): 300VAC
Clamping Voltage: 775Vpk @10A 8/20 micro-seconds
Surge Current Rating: 1800 Amps
Joule Rating at 10/1000 micro-seconds: 42 joules

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

WARRANTY INFORMATION

- Two-year limited product warranty.

DESIGN CONSIDERATIONS

- Nine DC power connectors.
- "Foldback" function automatically limits the output power protecting connected devices from overloads and short-circuit overloads. If the draw on the DC output increases to 105%-150% of nominal current, the power will be limited to 40 watts.
- One green LED indicates DC output is present.
- Efficient circuitry operates at a low temperature.
- Easily installed using a terminal block to connect the incoming line, neutral and ground.
- Drops into knockouts located on the bottom panel of Leviton's Series 280 and 420 Structured Media enclosures.
- Includes nine 48" connector cables.

TYPICAL SPECIFICATION

The Universal Power Supply shall meet all applicable standards: UL 1950, cULus listed, NOM and ACA. It must conform to normalized site attenuation limits and construction specifications (EMI/RFI filtering). It will feature nine 12 VDC output connectors and a "foldback" surge protection feature for overload protection and short circuit overload protection. The power supply shall fit into Leviton's Series 280 and 420 Structured Media enclosures and operate at a low temperature. The manufacturer shall provide a two-year limited product warranty.



For Technical Support Call 1-425-485-4288; in USA call 1-800-824-3005
Spec sheets and updates are also available at www.levitonvoicedata.com.

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Tel: 1-800-722-2082 / 1-425-485-4288 • Fax: 1-425-483-5270 • Int'l Fax: 1-425-485-9170 • GSA Schedule Available.



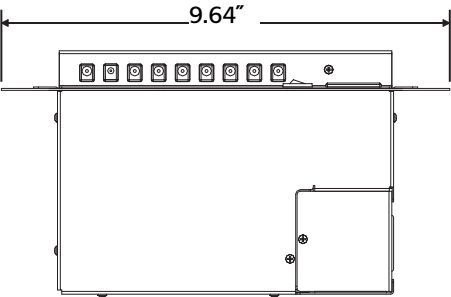
Universal Power Supply

Part Number
47605-PSA

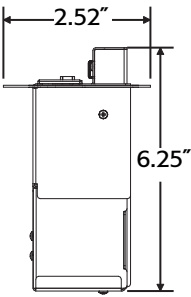
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DIMENSIONAL LINE ART

See ELECTRONIC FILES for CAD images
(.DXF, .DWG, MS-DOS.EPS)



Side View



End View

PART NUMBERS

Description	Part No.
Universal Power Supply	47605-PSA



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