

# WSL 800 SERIES, 80 WATTS

## HIGH EFFICIENCY, COMPACT DESIGN SWITCHMODE TECHNOLOGY

No CF Option in UL File 3<sup>rd</sup> Edition

MODEL NUMBER	VDC	AMPS	WATTS
WSL812	12	6.7	80
WSL813	13	6.1	80
WSL814	14	5.7	80
WSL815	15	5.3	80
WSL816	16	5	80
WSL818	18	4.4	80
WSL820	20	4	80
WSL822	22	3.6	80
WSL824	24	3.3	80
WSL826	26	3.3	80
WSL828	28	2.85	80
WSL830	30	2.7	80
WSL832	32	2.5	80
WSL836	36	2.2	80
WSL840	40	2	80
WSL844	44	1.8	80
WSL848	48	1.67	80

\*Add a suffix, "M" for Medical or leave it blank for non-medical.

### Regulatory Compliance

Designed for use with medical, information technology, and general purpose equipment to the following standards: All models are approved to:

- UL 60601-1 / 60950-1
- CSA 22.2 601-1 / 60950-1
- TUV EN 60601-1 / 60950-1
- CE LVD directive
- \*cUL Mark

EMC: All models meet European EMC directive and FCC requirements. Meets all EMC requirements from EN60601-1-2.

Emissions: Level B requirements of FCC CFR 47 part 15 and CISPR11 (EN55011) and CISPR22 (EN55022), EN61000-6-3 (light industrial) and line harmonic emissions EN61000-3-2.

Immunity: CISPR24 (EN55024), EN61326 and EN61000-3-2.

Certification records are available upon project request.



L-CASE

UL, cUL, TUV Certified CE marked for European Compliance

### Standard Specifications

- Universal Input Voltage: 90-264Vac 47-63Hz Class I or II
- Output Voltage Tolerance: +/-2.5% Typical, +/-5% Max, from Full Load to No Load.
- Operating Temperature: 0 - 40°C
- Maximum Output Ripple:
  - 5 - 6V: 50mVp-p
  - 6.1 - 24V: 100mVp-p
  - 24.1 - 36V: 150mVp-p
  - 36.1 - 48V 200mVp-p
- Designed for Continuous Duty
- Hold-Up Time : 20mS Minimum @ 120 Vin
- Short Circuit and Over Load Protection
- SELV Output
- MTBF Calculated > 100,000 Hours @ 40°C
- 2 Hour Minimum Loaded Burn-in at 40°C Ambient for standard output cord configurations
- Leakage current compliant to IEC60601-1 Category B and BF
- 5 Year Warranty

### Available Features

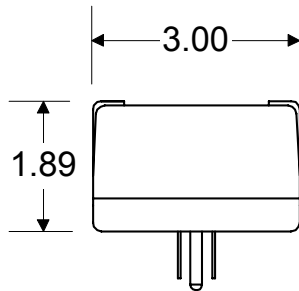
- Precision Output Voltage setting
- Expanded Operating Temperatures
- Power On/Off Switch
- 400 Hz Input Rating
- DC Input Rating
- Additional Noise and/or Surge Protection
- LED Power On Indicator
- Fixed-in-place Input Cord
- Wall plug-in configuration
- Output Cord Sets and Connector Configurations
- Case Colors, Markings & Logos
- 16 Hour Burn-in

*All specifications are typical at nominal input, full load, and 25°C unless otherwise noted*

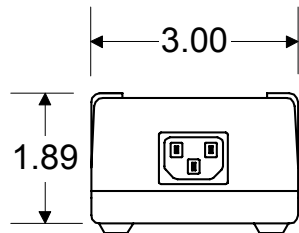
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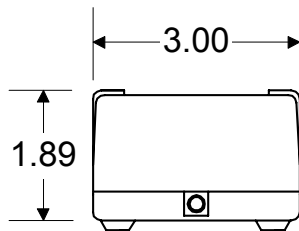
L CASE ENCLOSURE



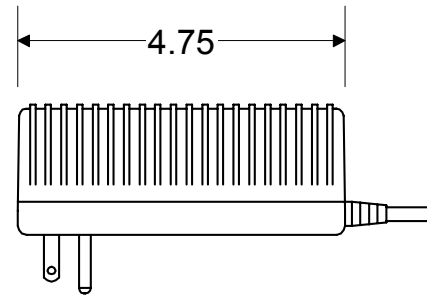
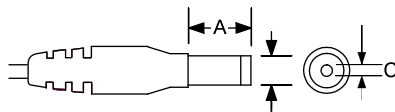
A. WALL PLUG-IN OPTION



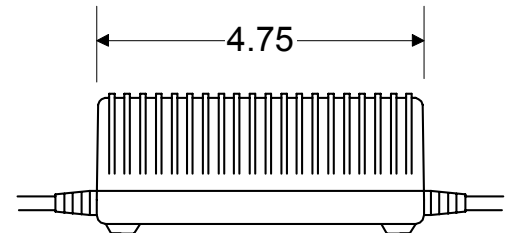
C. IEC 320 OPTION



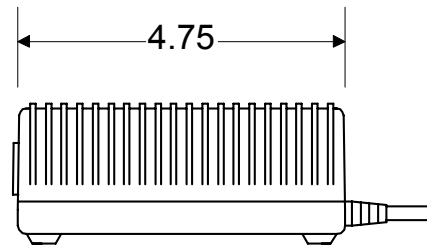
B. INPUT CORD OPTION



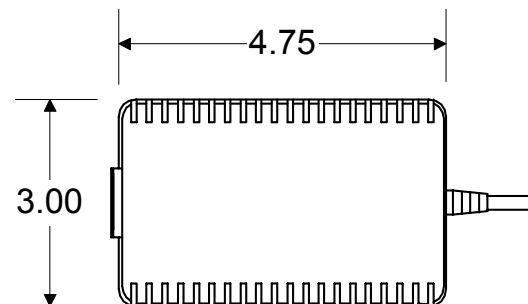
ALSO AVAILABLE WITH INTERNATIONAL  
PLUG-IN CONFIGURATION



VARIOUS INPUT AND OUTPUT CORD  
OPTIONS AVAILABLE



IEC 320 OPTION  
USED FOR MOST  
INTERNATIONAL APPLICATIONS



TOP SURFACE MARKING  
AREA = 4.41 X 2.09