

WSX090-2500

Electrical Specifications (@25C)

1. Input Voltage rating: 100-240VAC, 50-60Hz
2. Input Voltage range: 90-264VAC
3. Input current: 0.7A(RMS) @ 115VAC
4. Max Inrush Current: 60A @ 115VAC (Cold start)
5. Output Voltage: 9.0VDC
6. Output Current: 2.5A
7. Regulation (line & load): $\pm 5\%$
8. Ripple: 150mVpk-pk Max
9. No load power (stand by): < 100 mW typ.
10. Efficiency @ 10% load: 82.68% typ.
11. Average Efficiency: 83.50% Typ. Meets minimum level VI efficiency.

Environmental Specifications

1. Operating Temperature Range: 0°C to +45° C @ full load
2. Storage Temperature Range: -20°C to 60°C
3. Humidity: 5% to 95%, Non-condensing

Reliability Specifications

1. Leakage Current: <0.25mA (264VAC)
2. Dielectric Strength (Hi-pot): 4242VDC/3secs., 5mA Max
3. Warranty: 5 years

Mechanical Parameters

Case Type: Thermoplastic molded enclosure.

Output Cord: 18 AWG, 6 Ft. Long Nom.

Safety & EMI

UL: 62368-1 Class II, Double Insulated

UL File Number: E345519

TUV: IEC 62368-1:2014 (Second Edition)

AS/NZS: AS/NZS 62368.1:2018 & AS/NZS 3112:2017

GS (S50452256): EN 62368-1: 2014 + A11

RCM: RCM201901745 Rev01

EMI standard: FCC part15 Subpart B, ICES-003 Issue 6, ANSI C63.4-2014

Over voltage and short circuit protected



EISA 2007/CEC Compliance: This power supply meets the minimum efficiency requirements per Department of Energy and California Energy Commission.

RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

Parts with a date code of 2533 or after will exclude the CCC marking and China input plug.

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