

63W Desktop type switching power supplies for Medical Equipment

DESCRIPTION

The NSP-MDT63 series of AC/DC switching mode power supplies provide 63Watts of continuous output power, All supplies are UL 94V-1 min compliant, include IEC-320-C14 input for worldwide applications ,They are ideally suited for use in hospital instrument and many other applications. All models meet FCC Part-18 class B and CISPR-11 EN55011 class B emission limits and are designed to comply with UL/c-UL(UL 60601-1), TUV/T-mark(EN 60601-1) and new CE requirements. All units are 100% burned in and tested.



FEATURES

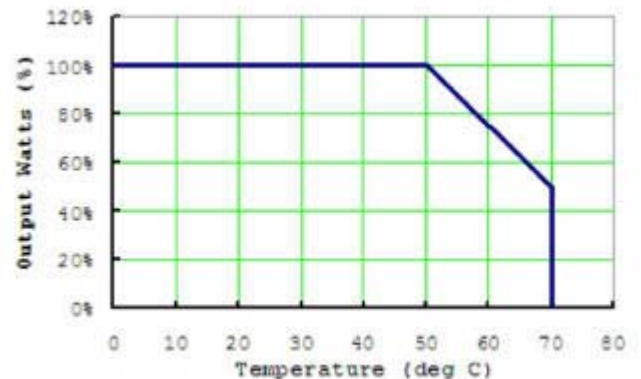
- Wide Input Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Output Voltage Available from 5VDC through 36VDC
- Single Output
- Splash Proof
- Input Surge Current, Over Voltage and Over Load Protection
- Class I Insulation
- CEC and Energy Star compliance
- 3 year warranty.

ELECTRICAL CHARACTERISTICS

- Efficiency: 88% max.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 16mS min.
- Output ripple and noise: 1% max.

ENVIRONMENTAL

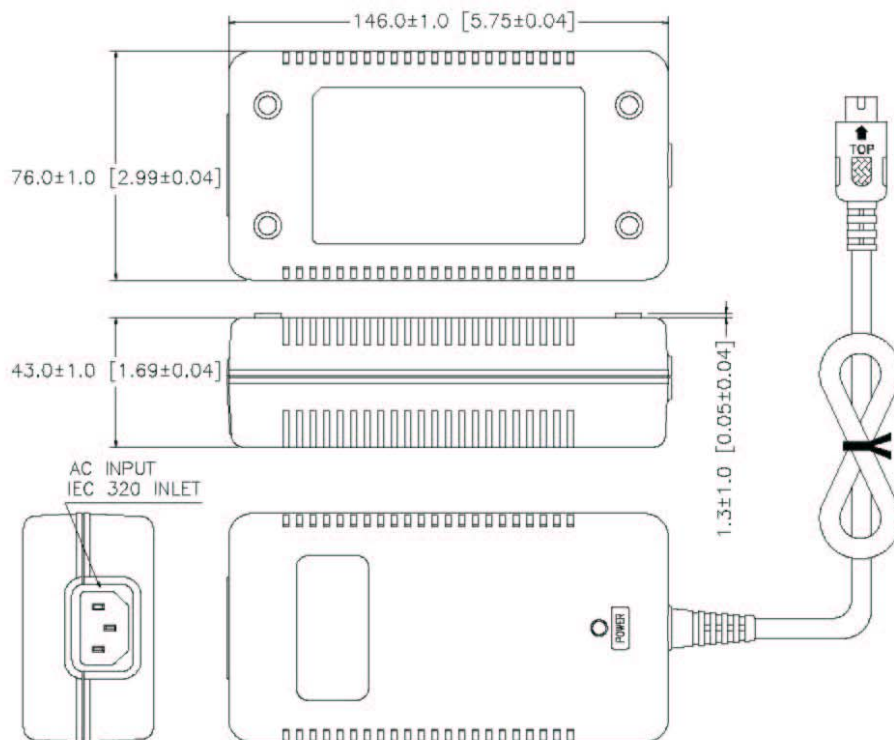
- Operating Temperature: 0 to 70°C
- De-rate linearly from 100% load at 50°C to 50% load at 70°C
- Storage Temperature: -40 to 85°C
- Relative Humidity: 5 to 95%
- MTBF: 100,000 calculated hours.



OUTPUT VOLTAGE AND CURRENT RANGE

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Safety
▶ NSP-MDT63-102	5VDC	9.00A	7%	45W	UL/cUL, TUV-GS, TUV PSE, CE,CB,FCC,RoHS
▶ NSP-MDT63-103	7VDC	7.85A	7%	55W	UL/cUL, TUV-GS, TUV PSE, CE,CB,FCC,RoHS
▶ NSP-MDT63-104	9VDC	6.44A	5%	58W	UL/cUL, TUV-GS, TUV PSE, CE,CB,FCC,RoHS
▶ NSP-MDT63-105	12VDC	5.25A	5%	63W	UL/cUL, TUV-GS, TUV PSE, CE,CB,FCC,CEC,RoHS
▶ NSP-MDT63-106	15VDC	4.20A	5%	63W	UL/cUL, TUV-GS, TUV PSE, JET PSE, CE,CB,FCC,CEC,RoHS
▶ NSP-MDT63-107	18VDC	3.50A	5%	63W	UL/cUL, TUV-GS, JET PSE, CE,CB,FCC,CEC,RoHS
▶ NSP-MDT63-108	24VDC	2.62A	3%	63W	UL/cUL, TUV-GS, JET PSE, CE,CB,FCC,CEC,RoHS
▶ NSP-MDT63-109	30VDC	2.10A	3%	63W	UL/cUL, TUV-GS, JET PSE, CE,CB,FCC,CEC,RoHS
▶ NSP-MDT63-110	36VDC	1.75A	3%	63W	UL/cUL, TUV-GS, CE,CB,FCC,CEC,RoHS

Mechanical Specifications:



Note:

1. Dimensions are shown in inches or mm.
2. Weight: 510-560gs approx.
3. Optional output connector: See page Appendix.