



250 Watt Series

Desktop Type

MDS250T - P X X X

P : C14 ← O / P Voltage →

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN
NO Load Power Consumption Less Than 0.21W

Features:

- 100-240VAC Universal Input
- Single Output to 250W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
MDS250T-P120	12.0V	20.00A	240.0W
MDS250T-P150	15.0V	16.66A	250.0W
MDS250T-P190	19.0V	13.15A	250.0W
MDS250T-P240	24.0V	10.42A	250.0W
MDS250T-P480	48.0V	5.21A	250.0W
MDS250T-P560	56.0V	4.46A	250.0W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

Output

Load Regulation	±5% (Typical)
Ripple	1 ~ 2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection
DC Cord	UL 2464 / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2 & NRCAN Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental

Operating Temperature	0 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling



R33154 RoHS