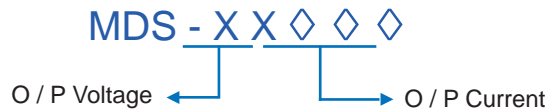




# 160 Watt Series

Desktop Type



## Green Mode

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

## Features:

- 100-240VAC Universal Input
- Single Output to 160W
- 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
MDS-160T-P120	12V	12.5A	150W
MDS-160T-P190	19V	8.4A	160W
MDS-160T-P240	24V	6.6A	160W
MDS-160T-P480	48V	3.3A	160W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.2A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, 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 / 18AWG
Ferrite Core	No (Optional)

## Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / CCC / DoE Level VI

## Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	ErP Stage 2, NRCAN & GEMS 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

## Mechanical

Case Dimension	L 175 x W 74 x H 42 (mm) ( Ref. )
Weight	700 g ( Ref. )

