



65 Watt Series

Desktop Type

MDS065T - □ X X X

P : C6 / C14 ← O / P Voltage
A : C8 →

Green Mode

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

Features:

- 100-240VAC Universal Input
- Single Output to 72W Max.
- 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
MDS065T- □120	12.0V	5.00A	60W
MDS065T- □135	13.5V	4.82A	65W
MDS065T- □150	15.0V	4.34A	65W
MDS065T- □160	16.0V	4.07A	65W
MDS065T- □180	18.0V	3.62A	65W
MDS065T- □190	19.0V	3.43A	65W
MDS065T- □200	20.0V	3.25A	65W
MDS065T- □240	24.0V	2.71A	65W
MDS072T- □240	24.0V	3.00A	72W
MDS065T- □241	24.0V	2.71A	65W
MDS065T- □300	30.0V	2.17A	65W
MDS065T- □320	32.0V	2.04A	65W
MDS065T- □321	32.0V	2.04A	65W
MDS065T- □480	48.0V	1.36A	65W
MDS065T- □560	56.0V	1.17A	65W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.4A Max. for 65W / 1.6A Max. for 72W
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6,C8,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
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI 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	L115 x W53 x H38 (mm)
Weight	310g (Ref.)