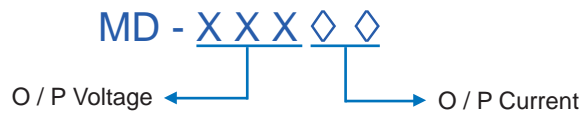




90 Watt Series

Small Size Desktop Type



Green Mode

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

Safety Approvals

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

Electrical

Topology	Switching Flyback
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

Mechanical

Case Dimension	L 129 x W 54 x H 32 (mm)
Weight	340 g (Ref.)

Features:

- Smaller size of 129 x 54 x 32mm
- 100-240VAC Universal Input
- Single Output to 90W
- 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
MD-15060	15V	6.00A	90W
MD-16056	16V	5.60A	90W
MD-18050	18V	5.00A	90W
MD-19047	19V	4.74A	90W
MD-20045	20V	4.50A	90W
MD-24037	24V	3.75A	90W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6

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	18AWG / 16AWG
Ferrite Core	Yes

