

35 Watt Dual Output

Desktop Type



Green Mode

DoE Level VI
NO Load Power Consumption Less Than 0.3W

Features:

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

NO.	Model	O/P Voltage	O/P Current	Watt
1	MD-1253-1	5V	2.0A	35W
		12V	2.1A	

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C8

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	20AWG
Ferrite Core	No (Optional)

Safety Approvals

UL / cUL / FCC / CE / PSE

Electrical	
Topology	Switching
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	0.25mA
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,-3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
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 95 x W 58 x H 34 (mm) (Ref.)
Weight	242 g (Ref.)