



12 Watt Series

Wall Mount Type

USA / Japan / Taiwan / Europe / UK / Australia / China

MW012T - W X X X □

O / P Voltage

U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug
C : CN Plug

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN
NO Load Power Consumption Less Than 0.1W

Features:

- 100-240VAC Universal Input
- Single Output to 12W
- 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
MW012T-W033□	3.3V	2.00A	6.60W
MW012T-W050□	5.0V	2.00A	10.00W
MW012T-W051□	5.0V	2.50A	12.50W
MW012T-W060□	5.9V	2.00A	11.80W
MW012T-W084□	8.4V	1.30A	10.92W
MW012T-W090□	9.0V	1.20A	10.80W
MW012T-W120□	12.0V	1.00A	12.00W
MW012T-W135□	13.5V	0.89A	12.00W
MW012T-W150□	15.0V	0.80A	12.00W
MW012T-W180□	18.0V	0.67A	12.00W
MW012T-W240□	24.0V	0.50A	12.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.31A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug E for EU Plug B for UK Plug A for AU Plug C for CN Plug

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	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Safety Approvals

For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe & UK - CB / CE / LPS

For China - CB / CCC / LPS

For Australia - CB / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
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	U - L 72 x W 34 x H 59 (mm) E - L 72 x W 34 x H 80 (mm) B - L 72 x W 50 x H 72 (mm) C - L 72 x W 34 x H 58 (mm) A - L 72 x W 34 x H 51 (mm)
Weight	U : 126g B : 130g E : 128g C : 126g (Ref.) A : 126g

