



18 Watt Series

Wall Mount Type
USA / Japan / Taiwan / Europe / UK / Australia /
China / AC Plug Changeable

MW018T - W X X X □

O / P Voltage ←

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

Green Mode

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

Features:

- 100-240VAC Universal Input
- Single Output to 18W
- 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
MW018T-W050□	5.0V	3.0A	15.00W
MW018T-W060□	5.9V	2.5A	14.75W
MW018T-W061□	5.9V	3.0A	17.70W
MW018T-W070□	7.0V	2.5A	17.50W
MW018T-W075□	7.5V	2.5A	18.75W
MW018T-W090□	9.0V	2.2A	19.80W
MW018T-W100□	10.0V	1.9A	19.00W
MW018T-W110□	11.0V	1.6A	17.60W
MW018T-W120□	12.0V	1.6A	19.20W
MW018T-W150□	15.0V	1.3A	19.50W
MW018T-W160□	16.0V	1.2A	19.20W
MW018T-W180□	18.0V	1.1A	19.80W
MW018T-W240□	24.0V	0.8A	19.20W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.48A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug A for AU Plug
	E for EU Plug C for CN Plug
	B for UK Plug
	V for Changeable 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	No (Optional)

Safety Approvals	
For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS	
For Europe & UK - CB / CE / LPS	
For Australia - CB / RCM / LPS	
For China - CB / CCC / LPS	

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
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	U & C - L 72 x W 34 x H 69 (mm)
	E - L 72 x W 34 x H 90 (mm)
	B - L 72 x W 50 x H 81 (mm)
	A - L 72 x W 40 x H 78 (mm)
	V - L 78 x W52 x H 41 (mm)
Weight	U : 148g A : 150g
	E : 154g C : 148g
	V : 158g (Ref.) B : 158g

