

# 18 Watt Series

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

ATS018T - 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, CoC Tier 2,  
NRCan & GEMS Level VI  
No Load Power Consumption Less Than 0.075W

## Features :

- 100-240VAC Universal Input
- Single Output to 18W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS018T-W050□	5.0V	3.00A	15.00W
ATS018T-W060□	5.9V	2.50A	14.75W
ATS018T-W061□	5.9V	3.00A	17.70W
ATS018T-W070□	7.0V	2.50A	17.50W
ATS018T-W075□	7.5V	2.50A	18.75W
ATS018T-W090□	9.0V	2.20A	19.80W
ATS018T-W100□	10.0V	1.90A	19.00W
ATS018T-W110□	11.0V	1.60A	17.60W
ATS018T-W120□	12.0V	1.60A	19.20W
ATS018T-W150□	15.0V	1.30A	19.50W
ATS018T-W160□	16.0V	1.20A	19.20W
ATS018T-W180□	18.0V	1.10A	19.80W
ATS018T-W240□	24.0V	0.80A	19.20W

## Input

Voltage	100-240VAC	
Line Frequency	50-60Hz	
Current	0.48A Max.	
Protection	Internal Primary Current Fuse	
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	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 / GS / 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, CoC Tier 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 75 x W 36 x H 66 (mm)
Weight	U : 148g      A : 150g
	E : 154g      C : 148g
	V : 158g (Ref.)      B : 158g

