



# 12 Watt Series

Wall Mount Type  
USA / Japan / Taiwan / Europe / UK

ATS012T - W X X X □

O / P Voltage ←

U : US Plug  
E : EU Plug  
B : UK Plug

## Features :

- IEC/EN/UL 62368-1
- 100-240VAC Universal Input
- 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
ATS012T-W033□	3.3V	2.00A	6.60W
ATS012T-W050□	5.0V	2.00A	10.00W
ATS012T-W051□	5.0V	2.50A	12.50W
ATS012T-W060□	5.9V	2.00A	11.80W
ATS012T-W084□	8.4V	1.30A	10.92W
ATS012T-W090□	9.0V	1.20A	10.80W
ATS012T-W120□	12.0V	1.00A	12.00W
ATS012T-W135□	13.5V	0.89A	12.00W
ATS012T-W150□	15.0V	0.80A	12.00W
ATS012T-W180□	18.0V	0.67A	12.00W
ATS012T-W240□	24.0V	0.50A	12.00W

## Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.31A Max.
Protection	Internal Primary Current Fuse
Configuration	U for US Plug
	E for EU Plug
	B for UK Plug

## Output

Load Regulation	±5% ( Typical )
Ripple & Noise	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

## Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, ErP Stage 2, CoC Tier 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

## Environmental

Operating Temperature	-20 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 × W 34 × H 59 (mm)
	E - L 72 × W 34 × H 80 (mm)
	B - L 72 × W 50 × H 71 (mm)
Weight	U : 126g    B : 130g
	E : 128g (Ref.)

