



## 12 Watt Series

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

ATS012T - 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, CoC Tier 2,  
NRCAN No Load Power Consumption Less Than 0.075W

### Features :

- 100-240VAC Universal Input
- Single Output to 12W
- 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
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 / JP Plug
	E for EU Plug
	B for UK Plug
	A for AU Plug
	C for CN 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	Yes

### Safety Approvals

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

For Europe & UK - CB / CE / GS / 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, CoC Tier 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 × W 34 × H 59 (mm)
	E - L 72 × W 34 × H 80 (mm)
	B - L 72 × W 50 × H 71 (mm)
	C - L 72 × W 34 × H 58 (mm)
	A - L 72 × W 40 × H 68 (mm)
Weight	U : 126g      B : 130g
	E : 128g      C : 126g (Ref.)
	A : 126g

