

# 36 Watt Series

Wall Mount Type

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

AC Plug Changeable

ATS036T - 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 36W
- 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
ATS036T-W050□	5.0V	5.00A	25W
ATS036T-W075□	7.5V	4.00A	30W
ATS036T-W085□	8.5V	3.52A	30W
ATS036T-W090□	9.0V	3.34A	30W
ATS036T-W120□	12.0V	3.00A	36W
ATS036T-W121□	12.0V	2.50A	30W
ATS036T-W122U	12.0V	3.00A	36W
ATS036T-W123U	12.0V	2.50A	30W
ATS036T-W135□	13.5V	2.66A	36W
ATS036T-W150□	15.0V	2.40A	36W
ATS036T-W160□	16.0V	2.25A	36W
ATS036T-W180□	18.0V	2.00A	36W
ATS036T-W240□	24.0V	1.50A	36W
ATS036T-W480□	48.0V	0.75A	36W

## Input

Voltage	100-240VAC	
Line Frequency	50-60Hz	
Current	1.00A Max.	
Protection	Internal Primary Current Fuse	
Configuration	U for US Plug / JP Plug	B for UK Plug
	E for EU Plug	A for AU Plug
	C for CN 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 / 16AWG
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 IEC55032 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 79 x W 34 x H 74 (mm)
	U - L 75 x W 34 x H 71.4 (mm) (ATS036T-W122U & ATS036T-W123U)
	E - L 79 x W 34 x H 94 (mm)
	B - L 79 x W 49 x H 86 (mm)
	A - L 79 x W 41 x H 82 (mm)
	V - L 79 x W 35 x H 66 (mm)
Weight	160g (Ref.)
	180g (Ref.) (ATS036T-W122U & ATS036T-W123U)

