

## ATS036T-W Series

# I.T.E. Power Supply

## 36 Watt Series | Wall Mount

### Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 36W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 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



### Model

Model	O/P Voltage	O/P Current	Watt
ATS036T-W <b>050</b> □	5.0V	5.00A	25W
ATS036T-W <b>075</b> □	7.5V	4.00A	30W
ATS036T-W <b>085</b> □	8.5V	3.52A	30W
ATS036T-W <b>090</b> □	9.0V	3.34A	30W
ATS036T-W <b>120</b> □	12.0V	3.00A	36W
ATS036T-W <b>121</b> □	12.0V	2.50A	30W
ATS036T-W <b>122U</b>	12.0V	3.00A	36W
ATS036T-W <b>123U</b>	12.0V	2.50A	36W
ATS036T-W <b>135</b> □	13.5V	2.66A	30W
ATS036T-W <b>150</b> □	15.0V	2.40A	36W
ATS036T-W <b>160</b> □	16.0V	2.25A	36W
ATS036T-W <b>180</b> □	18.0V	2.00A	36W
ATS036T-W <b>240</b> □	24.0V	1.50A	36W
ATS036T-W <b>480</b> □	48.0V	0.75A	36W

ATS036T-W**XXX**□

O/P Voltage ←

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

### Input

Voltage	100-240VAC	
Line Frequency	50/60Hz	
Current	1A Max.	
Protetction	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	

## ATS036T-W Series

### 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
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
EMC Standards	EN55032
	EN61000-3-2,3
	EN55024
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

### Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80% RH
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)