



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 :

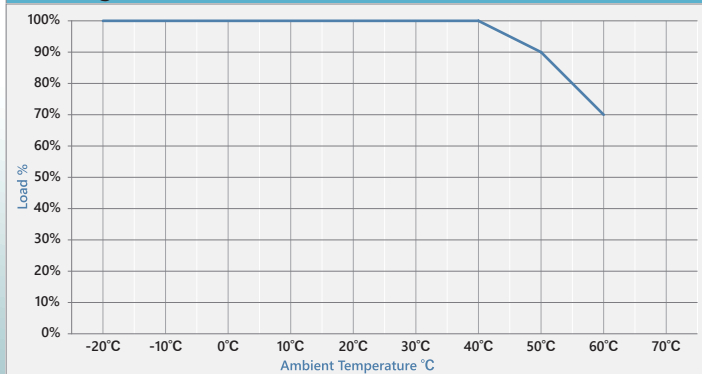
- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

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	12.01W
ATS012T-W150 ☐	15.0V	0.80A	12.00W
ATS012T-W180 ☐	18.0V	0.67A	12.06W
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

Derating Curve



Output

Load Regulation	±5% (Typical)
Ripple & Noise	≤ 2% Vp-p @ Full Load
Transient (Dynamic) Response	0.5mS with 50% Load Change
Start-up Time	< 3,000mS
Hold-up Time	≥ 10mS @ Full Load
Rise Time	< 50mS
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

Electrical

Topology	Switching Flyback
Dielectric Withstand	3,000VAC 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
Operating Altitude	2,000M
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.)

