



12 Watt Series

Small Size Wall Mount Type
USA / Japan / Taiwan

ATS012S - W X X X U

O / P Voltage ←

→ U : US Plug

Features :

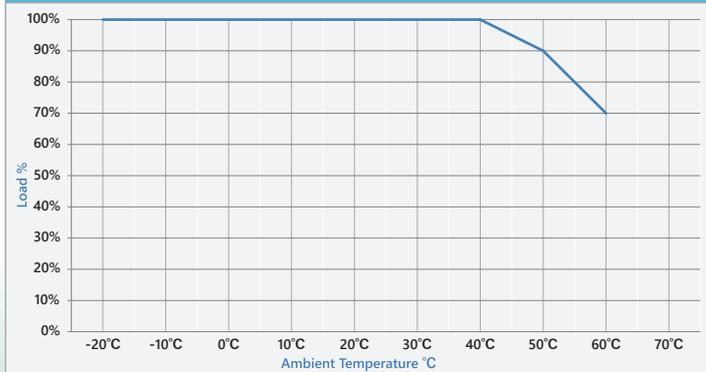
- IEC/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS012S-W033U	3.3V	2.0A	6.6W
ATS012S-W050U	5.0V	2.0A	10.0W
ATS012S-W060U	5.9V	2.0A	11.8W
ATS012S-W090U	9.0V	1.2A	10.8W
ATS012S-W120U	12.0V	1.0A	12.0W
ATS012S-W150U	15.0V	0.8A	12.0W
ATS012S-W240U	24.0V	0.5A	12.0W

Input

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

Derating Curve



Output

Load Regulation	±5% (Typical)
Ripple & Noise	≤ 3% Vp-p @ Full Load
Transient (Dynamic) Response	0.5mS with 50% Load Change
Start-up Time	< 3,000mS
Hold-up Time	≥ 5mS @ 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
EMC Standards	FCC CFR 47, Part 15 Subpart B
	ANSI C63.4 : 2014
	Canadian ICES-003 issue 7 (2020) Class B
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	L 65.4 × W 33.8 × H 25.4 (mm)
Weight	66g (Ref.)