



## 12 Watt Series

Small Size Wall Mount Type  
USA / Japan / Taiwan

ATS012S - W X X X U

O / P Voltage ← → U : US Plug

### Green Mode

CEC, DoE Level VI

No Load Power Consumption Less Than 0.1W

### Features :

- IEC/UL 62368-1 & 60950-1
- Smaller size of 65.4 x 33.8 x 25.4(mm)
- 100-240VAC Universal Input
- Single Output to 12W
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

### Safety Approvals

CB / UL / cUL / FCC / PSE / BSMI / LPS

### Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI Certified
EMC Standards	FCC CFR 47, Part 15 Subpart B
	ANSI C63.4 : 2014
	Canadian ICES-003 issue 6 (2016) Class B
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

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

### 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	L 65.4 x W 33.8 x H 25.4 (mm)
Weight	66g (Ref.)

### Input

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

### Output

Load Regulation	±5% ( Typical )
Ripple & Noise	3% Vp-p Max. for Output Voltage@ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	5mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	24AWG / 22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)