

I.T.E. Power Supply

12 Watt Series | Wall Mount

Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 12W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- 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
ATS012T-W 033 □	3.3V	2.00A	6.60W
ATS012T-W 050 □	5.0V	2.00A	10.00W
ATS012T-W 051 □	5.0V	2.50A	12.50W
ATS012T-W 060 □	5.9V	2.00A	11.80W
ATS012T-W 084 □	8.4V	1.30A	10.92W
ATS012T-W 090 □	9.0V	1.20A	10.80W
ATS012T-W 120 □	12.0V	1.00A	12.00W
ATS012T-W 135 □	13.5V	0.89A	12.00W
ATS012T-W 150 □	15.0V	0.80A	12.00W
ATS012T-W 180 □	18.0V	0.67A	12.00W
ATS012T-W 240 □	24.0V	0.50A	12.00W

ATS012T-W**XXX**□

O/P Voltage ←

→ U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug

Input

Voltage	100-240VAC
Line Frequency	50/60Hz
Current	0.31A Max.
Protetction	Internal Primary Current Fuse
Configuration	U for US Plug / JP Plug
	E for EU Plug
	B for UK Plug
	A for AU Plug

ATS012T-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
Ferrite Core	Yes

Safety Approvals

For USA - CB / UL / cUL / FCC / PSE / BSMI / LPS
For Europe & UK - CB / CE / GS / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 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 72 × W 34 × H 59 (mm)
	E - L 72 × W 34 × H 80 (mm)
	B - L 72 × W 50 × H 71 (mm)
	A - L 72 × W 40 × H 68 (mm)
Weight	U : 126g
	B : 130g
	E : 128g
	A : 126g (Ref.)