

I.T.E. Power Supply

18 Watt Series | Wall Mount

Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 24W
- 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
ATS024T-W 050 □	5.0V	4.00A	15.50W
ATS024T-W 060 □	5.9V	3.50A	14.75W
ATS024T-W 061 □	5.9V	4.00A	17.70W
ATS024T-W 070 □	7.0V	3.00A	17.50W
ATS024T-W 075 □	7.5V	3.00A	18.75W
ATS024T-W 090 □	9.0V	2.50A	22.50W
ATS024T-W 120 □	12.0V	2.00A	24.00W
ATS024T-W 150 □	15.0V	1.60A	24.00W
ATS024T-W 240 □	24.0V	1.00A	24.00W
ATS024T-W 480 □	48.0V	0.50A	24.00W

ATS024T-W**XXX**□

O/P Vol-

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	0.58A Max.	
Protetction	Internal Primary Current Fuse	
Configuration	U for US Plug / JP Plug	A for AU Plug
	E for EU Plug	C for CN Plug
	B for UK Plug	
	V for Changeable Plug	

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 & C - L 72 x W 34 x H 69 (mm)	
	E - L 72 x W 34 x H 90 (mm)	
	B - L 72 x W 50 x H 81 (mm)	
	A - L 72 x W 40 x H 78 (mm)	
	V - L 75 x W 36 x H 66 (mm)	
Weight	U : 148g	A : 150g
	E : 154g	C : 148g
	B : 158g	V : 158g (Ref.)