

ATS024T | 24 Watt



Level VI
CoC Tier 2

24 Watt Series

Desktop Type

ATS024T - □ X X X

P : C6 / C14 ← → O / P Voltage
A : C8

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

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 on request
- 3 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS024T-□050	5.0V	4.00A	20.00W
ATS024T-□060	5.9V	3.50A	20.65W
ATS024T-□061	5.9V	4.00A	23.60W
ATS024T-□070	7.0V	3.00A	21.00W
ATS024T-□075	7.5V	3.00A	22.50W
ATS024T-□090	9.0V	2.50A	22.50W
ATS024T-□120	12.0V	2.00A	24.00W
ATS024T-□150	15.0V	1.60A	24.00W
ATS024T-□240	24.0V	1.00A	24.00W
ATS024T-□480	48.0V	0.50A	24.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.58A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

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

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3Pin
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°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension	C6 & C14 : L100 x W50 x H33(mm) C8 : L88 x W50 x H34(mm)
Weight	166g (Ref.)

Please note for P versions:

The -Vout (secondary GND) is connected to PE as functional earth. If your application needs a safety earth an extra direct PE connection to earth must be implemented!

Specification is subject to change without notice. Errors excepted. Status as at: 30.09.2019

