ATS036T | 36 Watt

Level VI

CoC Tier 2

36 Watt Series

Desktop Type

ATS036T - ☐ X X X

P : C14
A : C8

O / P Voltage

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
- 100-240VAC Universal Input
- Single Output to 36W
- 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
ATS036T-☐050	5.0V	5.00A	25W
ATS036T-☐075	7.5V	4.00A	30W
ATS036T-☐085	8.5V	3.52A	30W
ATS036T-☐090	9.0V	3.34A	30W
ATS036T-☐120	12.0V	3.00A	36W
ATS036T-☐121	12.0V	2.50A	30W
ATS036T-☐135	13.5V	2.66A	36W
ATS036T-☐150	15.0V	2.40A	36W
ATS036T-☐160	16.0V	2.25A	36W
ATS036T-☐180	18.0V	2.00A	36W
ATS036T-☐240	24.0V	1.50A	36W
ATS036T-☐480	48.0V	0.75A	36W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/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
	EN55035
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	C14 - L 100 x W 50 x H 33 (mm)
	C8 - L 99 x W 50 x H 33 (mm)
Weight	210g (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!

c UL us LISTED I.T.E. POWER SUPPLY 60JJ E225703 CB CE GS FC JET LPS R33154 RoHS

Industry

Specification is subject to change without notice. Errors excepted. Status as at: 10.01.2024