

I.T.E. Power Supply

36 Watt Series | Desktop Type

Features

- IEC/EN/UL 62368-1 & 60950-1
- 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 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
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

ATS036T-□XXX
 P : C6 / C14 ←
 A : C8 → O/P Voltage

Input

Voltage	100-240VAC
Line Frequency	50/60Hz
Current	1A Max.
Protetction	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
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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	C14 - L 100 x W 50 x H 33 (mm)
	C8 - L 99 x W 50 x H 33 (mm)
Weight	210g (Ref.)