

I.T.E. Power Supply

18 Watt Series | Desktop Type

Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 18W
- 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
ATS018T-□050	5.0V	3.00A	15.50W
ATS018T-□060	5.9V	2.50A	14.75W
ATS018T-□061	5.9V	3.00A	17.70W
ATS018T-□070	7.0V	2.50A	17.50W
ATS018T-□075	7.5V	2.50A	18.75W
ATS018T-□090	9.0V	2.20A	19.80W
ATS018T-□100	10.0V	1.90A	19.00W
ATS018T-□110	11.0V	1.60A	17.60W
ATS018T-□120	12.0V	1.60A	19.20W
ATS018T-□150	15.0V	1.30A	19.50W
ATS018T-□160	16.0V	1.20A	19.20W
ATS018T-□180	18.0V	1.10A	19.80W
ATS018T-□240	24.0V	0.80A	19.20W

ATS018T-□XXX
 P : C6 / C14 ←
 A : C8 → O/P Voltage

Input

Voltage	100-240VAC
Line Frequency	50/60Hz
Current	0.48A Max.
Protetction	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

ATS018T 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 / 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
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	C6 & C14 : L100 x W50 x H33(mm)
	C8 : L88 x W50 x H34(mm)
Weight	144g (Ref.)