



18 Watt Series

Desktop Type

ATS018T - ☐ X X X

P : C6 / C14 ← O / P Voltage
A : C8

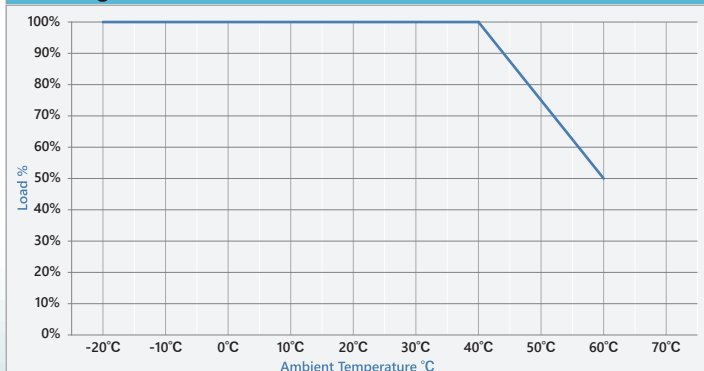


Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS018T-□050	5.0V	3.0A	15.00W
ATS018T-□060	5.9V	2.5A	14.75W
ATS018T-□061	5.9V	3.0A	17.70W
ATS018T-□070	7.0V	2.5A	17.50W
ATS018T-□075	7.5V	2.5A	18.75W
ATS018T-□090	9.0V	2.2A	19.80W
ATS018T-□100	10.0V	1.9A	19.00W
ATS018T-□110	11.0V	1.6A	17.60W
ATS018T-□120	12.0V	1.6A	19.20W
ATS018T-□150	15.0V	1.3A	19.50W
ATS018T-□160	16.0V	1.2A	19.20W
ATS018T-□180	18.0V	1.1A	19.80W
ATS018T-□240	24.0V	0.8A	19.20W

Derating Curve



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

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	≤ 2% Vp-p @ Full Load
Transient (Dynamic) Response	0.5mS with 50% Load Change
Start-up Time	< 3,000mS
Hold-up Time	≥ 10mS @ Full Load
Rise Time	< 50mS
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	< 0.25mA @ 2Pin / < 5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2, CoC Tier 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental	
Operating Temperature	-20 to + 40°C
Storage Temperature	-20 to + 80°C
Operating Altitude	2,000M
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.)