



65 Watt Series

Desktop Type

ATS065T - ☐ X X X

P : C6 / C14 → O / P Voltage
A : C8

Features :

- IEC/EN/UL 62368-1
- 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
ATS065T- ☐ 120	12.0V	5.00A	60W
ATS065T- ☐ 135	13.5V	4.82A	65W
ATS065T- ☐ 150	15.0V	4.34A	65W
ATS065T- ☐ 160	16.0V	4.07A	65W
ATS065T- ☐ 180	18.0V	3.62A	65W
ATS065T- ☐ 190	19.0V	3.43A	65W
ATS065T- ☐ 200	20.0V	3.25A	65W
ATS065T- ☐ 240	24.0V	2.71A	65W
ATS065T- ☐ 241(*)	24.0V	2.71A	65W
ATS065T-P242(*)	24.0V	2.71A	65W
ATS072T- ☐ 240	24.0V	3.00A	72W
ATS065T- ☐ 300	30.0V	2.17A	65W
ATS065T- ☐ 320	32.0V	2.04A	65W
ATS065T- ☐ 321(*)	32.0V	2.04A	65W
ATS065T-P375	37.5V	1.73A	65W
ATS065T- ☐ 480	48.0V	1.36A	65W
ATS065T- ☐ 560	56.0V	1.17A	65W

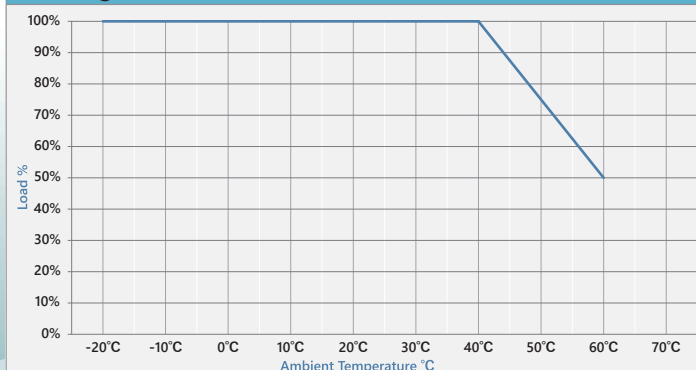
(*) With peak current design

ATS065T- ☐241 with peak current 11.0A

ATS065T- P242 with peak current 11.0A

ATS065T- ☐321 with peak current 3.9A

Derating Curve



Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.4A Max. for 65W / 1.6A Max. for 72W
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

Output

Load Regulation	±5% (Typical)
Ripple & Noise	≤ 1% 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	L115 x W53 x H38 (mm)
Weight	310g (Ref.)