Level VI

CoC Tier 2

50 Watt Series

Desktop Type

ATS050T - ☐ X X X

P : C6 / 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 0.15W

Features :

- 100-240VAC Universal Input
- Single Output to 50W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS050-P050	5.0V	10.00A	50W
ATS050T-☐090	9.0V	4.00A	36W
ATS050T-☐091	9.0V	5.00A	45W
ATS050T-☐120	12.0V	3.30A	40W
ATS050T-☐121	12.0V	4.20A	50W
ATS050T-☐135	13.5V	3.71A	50W
ATS050T-☐150	15.0V	3.34A	50W
ATS050T-☐180	18.0V	2.78A	50W
ATS050T-☐190	19.0V	2.64A	50W
ATS050T-☐240	24.0V	2.10A	50W
ATS050T-☐480	48.0V	1.05A	50W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

Output	
Load Regulation	±5% (Typical)
Ripple	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	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS
CB / UL / cUL / FCC / GS / CE / PSE for ATS050-P050

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCan & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25ºC , by Telcordia SR-332

Environmental	
Operating Temperature	0 to + 40ºC
Storage Temperature	-20 to + 80ºC
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)
	L139 x W61 x H36 (mm) (ATS050T-P050)
Weight	310g (Ref.)
	332g (ATS050T-P050)

ATS050-P050

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