



50 Watt ATS050 Series



Desktop Type

Green Mode

CEC , Energy Star Level V & ErP Stage 2
No Load Power Consumption Less Than 0.3W

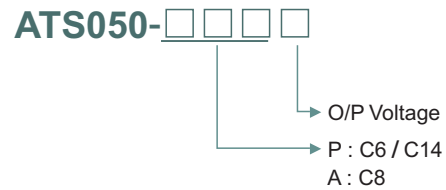
Features:

- 100-240VAC Universal Input
- Single Output to 40-50W
- 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-P/A090	9V	4A	36 W
ATS050-P/A091	9V	5A	45 W
ATS050-P/A120	12V	3.3A	39.6 W
ATS050-P/A121	12V	4.2A	50 W
ATS050-P/A135	13.5V	3.71A	50 W
ATS050-P/A150	15V	3.34A	50 W
ATS050-P/A180	18V	2.78A	50 W
ATS050-P/A190	19V	2.64A	50 W
ATS050-P/A200	20V	2.5A	50 W
ATS050-P/A240	24V	2.1A	50 W
ATS050-P/A480	48V	1.05A	50 W

Input	
Voltage	100-240 VAC
Line Frequency	50- 60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C6, C8, C14

Output	
Load Regulation	± 5% (Typical)
Ripple	1~2% V p-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	20 AWG /18 AWG /16 AWG
Ferrite Core	Yes



Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin / 3.5mA @ 3 Pin
Efficiency	Energy Star Level V & ErP Stage 2 & NRCan Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	50,000 Calculated Hours at 25°C, by MIL- HDBK-217F

Environmental

Operating Temperature	0 to+40°C
Storage Temperature	-20 to+80°C
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	278g (Ref.)

