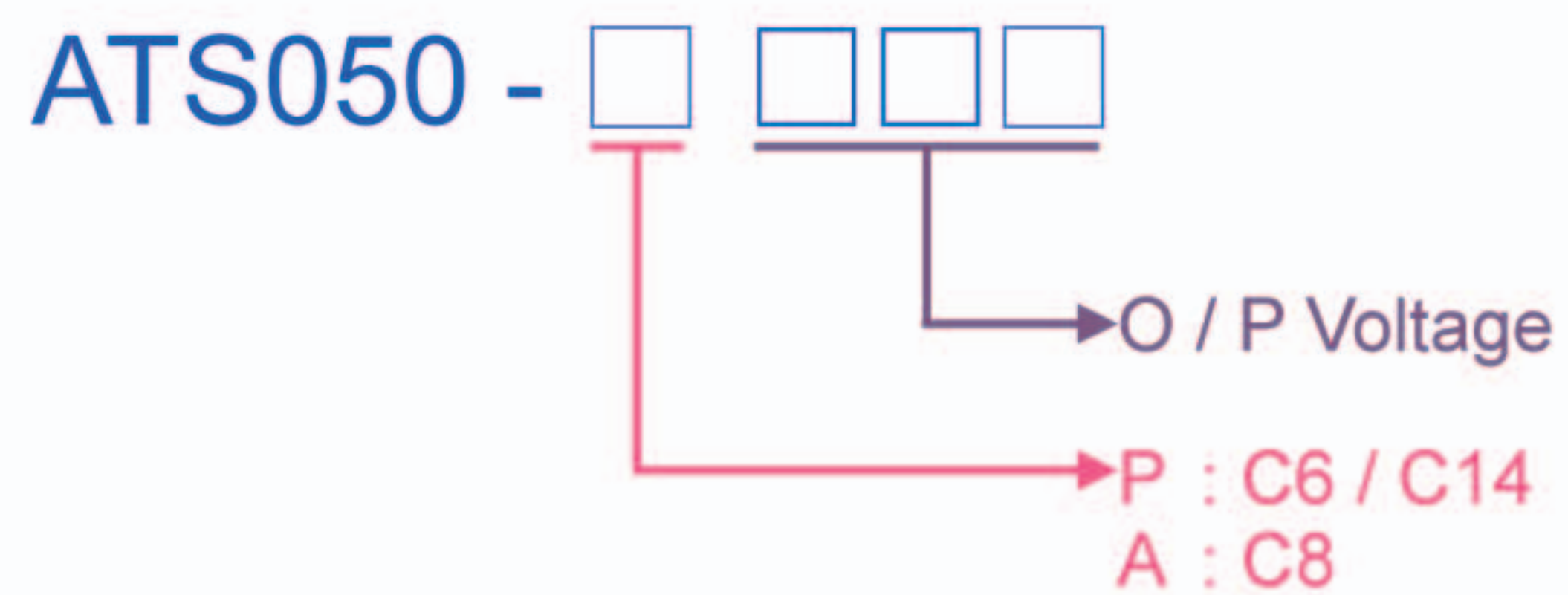




50 Watt ATS050 Series

Desktop Type



Green Mode

CEC , Energy Star Level V , ErP Stage 2 , NRCan & GEMS
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 Warrant

Safety Approvals

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

Electrical

Topology	Switching Flyback
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	0.25mA@2 Pin / 3.5mA@3Pin
Efficiency	Energy Star Level V ,ErP Stage 2 ,GEMS & 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	300,000 Calculated Hours at 25°C, by Telcordia SR-332

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.)

Model	O/P Voltage	O/P Current	Watt
ATS050-P/A090	9.0V	4.00A	36.0 W
ATS050-P/A091	9.0V	5.00A	45.0 W
ATS050-P/A120	12.0V	3.30A	39.6 W
ATS050-P/A121	12.0V	4.20A	50.0 W
ATS050-P/A135	13.5V	3.71A	50.0 W
ATS050-P/A150	15.0V	3.34A	50.0 W
ATS050-P/A180	18.0V	2.78A	50.0 W
ATS050-P/A190	19.0V	2.64A	50.0 W
ATS050-P/A200	20.0V	2.50A	50.0 W
ATS050-P/A240	24.0V	2.10A	50.0 W
ATS050-P/A480	48.0V	1.05A	50.0 W

Input

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

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-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