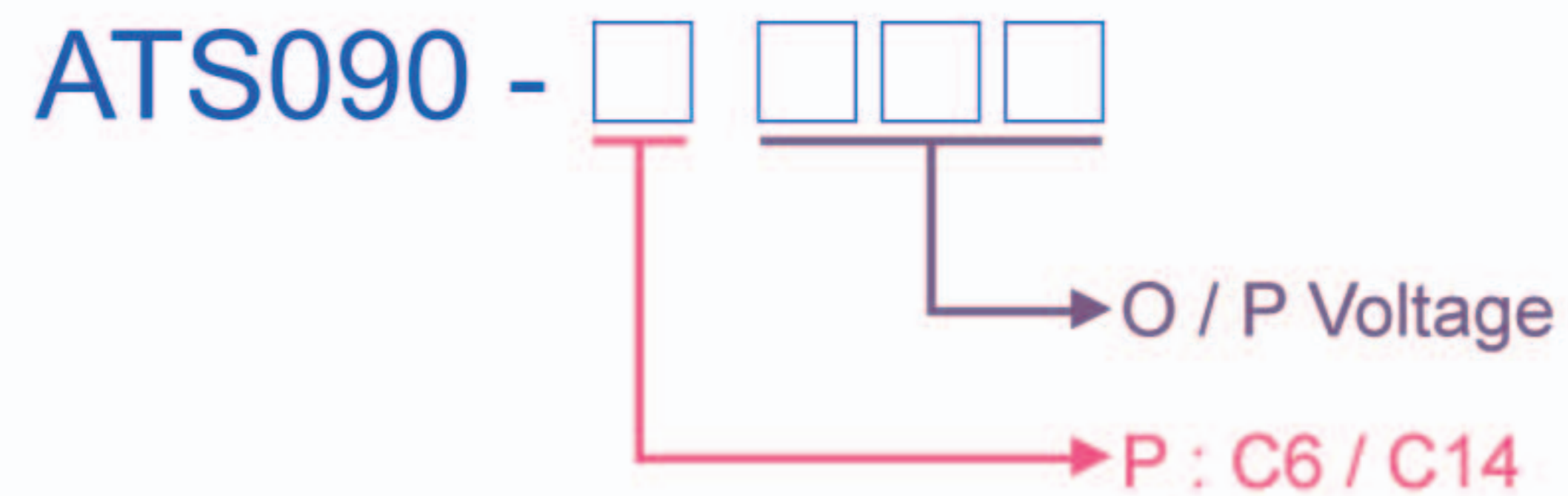




90 Watt - ATS090 Series

Desktop Type



Green Mode

CEC , Energy Star Level V , ErP Stage 2 & NRCan
No Load Power Consumption Less Than 0.5W

Features :

- 100-240VAC Universal Input
- Single Output to 90W
- 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

Safety Approvals

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

Electrical

Topology	Switching Flyback
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
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 IEC61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Model	O/P Voltage	O/P Current	Watt
ATS090-P120	12V	7.00A	84W
ATS090-P150	15V	6.00A	90W
ATS090-P160	16V	5.63A	90W
ATS090-P180	18V	5.00A	90W
ATS090-P190	19V	4.74A	90W
ATS090-P200	20V	4.50A	90W
ATS090-P240	24V	3.75A	90W
ATS090-P300	30V	3.00A	90W
ATS090-P480	48V	1.88A	90W

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

Input

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

Mechanical

Case Dimension	C6 - L 139 × W 61 × H 36 (mm) C14 - L 151 × W 64 × H 36 (mm)
Weight	460g (Ref.)

Output

Load Regulation	± 5% (Typical)
Ripple	1~2%Vp-p Max.
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	16AWG/18AWG/20AWG
Ferrite Core	Yes