

## ATS090T-P Series

# I.T.E. Power Supply

## 90 Watt Series | Desktop Type



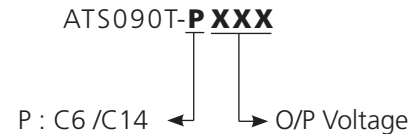
### Features

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 90W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 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



### Model

Model	O/P Voltage	O/P Current	Watt
ATS090T- <b>P120</b>	12.0V	7.00A	84W
ATS090T- <b>P150</b>	15.0V	6.00A	90W
ATS090T- <b>P160</b>	16.0V	5.63A	90W
ATS090T- <b>P180</b>	18.0V	5.00A	90W
ATS090T- <b>P190</b>	19.0V	4.74A	90W
ATS090T- <b>P200</b>	20.0V	4.50A	90W
ATS090T- <b>P240</b>	24.0V	3.75A	90W
ATS090T- <b>P300</b>	30.0V	3.00A	90W
ATS090T- <b>P480</b>	48.0V	1.88A	90W
ATS090T- <b>P560</b>	56.0V	1.60A	90W



### Input

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

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### Output

Load Regulation	±5% ( Typical )
Ripple & Noise	1% 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	18AWG / 16AWG / 14 AWG
Ferrite Core	Yes

### Safety Approvals

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

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCan & GEMS Level VI Certified
EMC Standards	EN55032
	EN61000-3-2,3
	EN55024
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

### Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80% RH
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

### Mechanical

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