



Features

- IEC / EN / UL 62368-1 & 60950-1
- 100 - 240Vac Wide Universal Input
- Single Output to 50W
- IEC60320 / C6 / C8 / C14
- Regulated Output with Low Ripple & Noise
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Years Warranty
- No Load Power Consumption Less Than 0.15W



Specification

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Output	Output Voltage/Current:	See Product Chart on Page 2
	Load Regulation:	± 5% (Typical)
	Ripple & Noise:	2% Vp-p Max. for Output Voltage at Full Load
	Transient Response:	0.5mS for 50% Load Change Typical
	Hold Up Time:	10mS at Full Load
Input	Input Voltage:	100 - 240Vac 50/60Hz
	Input Current:	1.2A Max.
	Input Protection:	Internal Primary Current Fuse
Electrical Spec	Topology:	Switching Flyback
	Dielectric Withstand:	3000Vac Primary - Secondary
	Leakage Current:	0.25mA at 2-pin / 3.5mA at 3-pin
	Efficiency:	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS VI
	MTBF:	300K Hours Calculated Hours at +25°C Telcordia SR-332
	DC Cord:	20AWG / 18AWG / 16AWG
	Ferrite Core:	No (Optional)
Protection	Short Circuit:	Short Circuit Protection (SCP)
	Over Voltage:	Over Voltage Protection (OVP)
	Over Current:	Over Current Protection (OCP)
Safety Approval	Safety Standards:	IEC/EN/UL62368-1, UL, cUL, CE, CB, GS, FCC, PSE, BSMI, RCM, LPS
EMC Standard	EMI Emission:	EN55032, EN55024, EN61000-3-2, 3
Environmental	Operating TEMP.:	0°C to +40°C
	Storage TEMP.:	-20°C to +80°C
	Operating Humidity:	20% to 80% RH
	Storage Humidity:	10% to 90% RH
	Cooling:	Natural Convection Cooling

Mechanical Dimension & Weight

Mechanical	Case Dimension (L x W x H):	115 x 53 x 38mm
	Weight:	310g (Ref)

Product Chart

Type AC Inlet	Model	Output Voltage (Vdc)	Output Current (A)	Power Wattage (W)
A: C8 AC Inlet	S050T - A090	9.0 Vdc	4.00 A	36 W
	S050T - A091	9.0 Vdc	5.00 A	45 W
	S050T - A120	12.0 Vdc	3.30 A	40 W
	S050T - A121	12.0 Vdc	4.20 A	50 W
	S050T - A135	13.5 Vdc	3.71 A	50 W
	S050T - A150	15.0 Vdc	3.34 A	50 W
	S050T - A180	18.0 Vdc	2.78 A	50 W
	S050T - A190	19.0 Vdc	2.64 A	50 W
	S050T - A240	24.0 Vdc	2.10 A	50 W
	S050T - A480	48.0 Vdc	1.05 A	50 W
P: C14 AC Inlet (C6 Inlet Available)	S050T - P090	9.0 Vdc	4.00 A	36 W
	S050T - P091	9.0 Vdc	5.00 A	45 W
	S050T - P120	12.0 Vdc	3.30 A	40 W
	S050T - P121	12.0 Vdc	4.20 A	50 W
	S050T - P135	13.5 Vdc	3.71 A	50 W
	S050T - P150	15.0 Vdc	3.34 A	50 W
	S050T - P180	18.0 Vdc	2.78 A	50 W
	S050T - P190	19.0 Vdc	2.64 A	50 W
	S050T - P240	24.0 Vdc	2.10 A	50 W
	S050T - P480	48.0 Vdc	1.05 A	50 W