



### Features

- IEC / EN / UL 62368-1 & 60950-1
- 100 - 240Vac Wide Universal Input
- Single Output to 36W
- IEC60320 / 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 0.075W



### Specification

Specification		
<b>Output</b>	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
	Leakage Current:	0.25mA at 2-pin / 3.5mA at 3-pin
<b>Input</b>	Input Voltage:	100 - 240Vac 50/60Hz
	Input Current:	1A Max.
	Input Protection:	Internal Primary Current Fuse
<b>Electrical Spec</b>	Topology:	Switching Flyback
	Dielectric Withstand:	3000Vac Primary - Secondary
	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:	22AWG / 20AWG / 18AWG / 16AWG
	Ferrite Core:	No (Optional)
<b>Protection</b>	Short Circuit:	Short Circuit Protection (SCP)
	Over Voltage:	Over Voltage Protection (OVP)
	Over Current:	Over Current Protection (OCP)
<b>Safety Approval</b>	Safety Standards:	IEC/EN/UL62368-1, CE, UL, cUL, CE, CB, GS, FCC, PSE, BSMI, RCM, LPS
<b>EMC Standard</b>	EMI Emission:	EN55032, EN55024, EN61000-3-2, 3
<b>Environmental</b>	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):	C8 AC Inlet: 99 x 50 x 33mm
		C14 AC Inlet: 100 x 50 x 33mm
	Weight:	210g (Ref)

Product Chart				
AC Inlet	Model	Output Voltage (Vdc)	Output Current (A)	Power Wattage (W)
A: C8 AC Inlet	S036T - A050	5.0 Vdc	5.00 A	25 W
	S036T - A075	7.5 Vdc	4.00 A	30 W
	S036T - A085	8.5 Vdc	3.52 A	30 W
	S036T - A090	9.0 Vdc	3.34 A	30 W
	S036T - A120	12.0 Vdc	3.00 A	36 W
	S036T - A121	12.0 Vdc	2.50 A	30 W
	S036T - A135	13.5 Vdc	2.66 A	36 W
	S036T - A150	15.0 Vdc	2.40 A	36 W
	S036T - A160	16.0 Vdc	2.25 A	36 W
	S036T - A180	18.0 Vdc	2.00 A	36 W
	S036T - A240	24.0 Vdc	1.50 A	36 W
S036T - A480	48.0 Vdc	0.75 A	36 W	
P: C14 AC Inlet	S036T - P050	5.0 Vdc	5.00 A	25 W
	S036T - P075	7.5 Vdc	4.00 A	30 W
	S036T - P085	8.5 Vdc	3.52 A	30 W
	S036T - P090	9.0 Vdc	3.34 A	30 W
	S036T - P120	12.0 Vdc	3.00 A	36 W
	S036T - P121	12.0 Vdc	2.50 A	30 W
	S036T - P135	13.5 Vdc	2.66 A	36 W
	S036T - P150	15.0 Vdc	2.40 A	36 W
	S036T - P160	16.0 Vdc	2.25 A	36 W
	S036T - P180	18.0 Vdc	2.00 A	36 W
	S036T - P240	24.0 Vdc	1.50 A	36 W
S036T - P480	48.0 Vdc	0.75 A	36 W	