



## Features

- IEC / EN / UL 62368-1 & 60950-1
- 100 - 240Vac Wide Universal Input
- Single Output to 36W
- Exchangeable AC Plugs ( Optional )
- 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

<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
<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>	For EU & UK:	IEC/EN62368-1 & 60950-1, CE, CB, GS, LPS
	For US:	UL62368-1 & 60950-1, UL, cUL, FCC, LPS, PSE, BSMI
	For Australia:	CB, RCM, LPS
	For China:	CB, CCC, LPS
	For Japan & Taiwan:	PSE, BSMI
<b>EMC Standard</b>	EMC Standards:	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		
<b>Mechanical</b>	Case Dimension (L x W x H):	U (US): 79 x 34 x 74mm
		U (US): 75 x 34 x 71.4mm (S036T - W122U & S036T - W123U)
		E (EU): 79 x 34 x 94mm
		B (UK): 79 x 49 x 86mm
		A (AU): 79 x 41 x 82mm
		V (Changeable AC Plugs): 79 x 35 x 66mm
	Weight:	160g (Ref)
		180g (Ref)
		(S036T - W122U & S036T - W123U)

Product Chart			
Model	Output Voltage (Vdc)	Output Current (A)	Power Wattage (W)
S036T - W050□	5.0 Vdc	5.00 A	25 W
S036T - W075□	7.5 Vdc	4.00 A	30 W
S036T - W085□	8.5 Vdc	3.52 A	30 W
S036T - W090□	9.0 Vdc	3.34 A	30 W
S036T - W120□	12.0 Vdc	3.00 A	36 W
S036T - W121□	12.0 Vdc	2.50 A	30 W
S036T - W122U	12.0 Vdc	3.00 A	36 W
S036T - W123U	12.0 Vdc	2.50 A	30 W
S036T - W135□	13.5 Vdc	2.66 A	36 W
S036T - W150□	15.0 Vdc	2.40 A	36 W
S036T - W160□	16.0 Vdc	2.25 A	36 W
S036T - W180□	18.0 Vdc	2.00 A	36 W
S036T - W240□	24.0 Vdc	1.50 A	36 W
S036T - W480□	48.0 Vdc	0.75 A	36 W

□ = U: US AC Plug & JP Plug / E: EU AC Plug / B: UK AC Plug / A: AU AC Plug / V: Changeable AC Plugs