



Features

- IEC / EN / UL 62368-1 & 60950-1
- 100 - 240Vac Wide Universal Input
- Single Output to 18W
- 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 0.075W



Specification

Specification		
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
	Leakage Current:	0.25mA at 2-pin / 3.5mA at 3-pin
Input	Input Voltage:	100 - 240Vac 50/60Hz
	Input Current:	0.48A Max.
	Input Protection:	Internal Primary Current Fuse
Electrical Spec	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)
Protection	Short Circuit:	Short Circuit Protection (SCP)
	Over Voltage:	Over Voltage Protection (OVP)
	Over Current:	Over Current Protection (OCP)
Safety Approval	Safety Standards:	UL/IEC /EN62368-1, CE, UL, cUL, CB, GS, LPS, FCC, PCE, RCM, BSMI, LPS
EMC Standard	EMC Standards:	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):	C14 Inlet: 100 x 50 33mm	C8 Inlet: 88 x 50 x 34mm
	Weight:	144g (Ref)	

Product Chart

Model	Output Voltage (Vdc)	Output Current (A)	Power Wattage (W)
S018T - □050	5.0 Vdc	3.00 A	15.00 W
S018T - □050	5.9 Vdc	2.50 A	14.75 W
S018T - □050	5.9 Vdc	3.00 A	17.70 W
S018T - □050	7.0 Vdc	2.50 A	17.50 W
S018T - □050	7.5 Vdc	2.50 A	18.75 W
S018T - □050	9.0 Vdc	2.20 A	19.80 W
S018T - □050	10.0 Vdc	1.90 A	19.00 W
S018T - □050	11.0 Vdc	1.60 A	17.60 W
S018T - □050	12.0 Vdc	1.60 A	19.20 W
S018T - □050	15.0 Vdc	1.30 A	19.50 W
S018T - □050	16.0 Vdc	1.20 A	19.20 W
S018T - □050	18.0 Vdc	1.10 A	19.80 W
S018T - □050	24.0 Vdc	0.80 A	19.20 W

□ = P: C14 AC Inlet / A: C8 AC Inlet