



18 Watt Series

Desktop Type

Green Mode

Meet CEC, Energy Star & ErP Regulations
No Load Power Consumption Less Than 0.3W

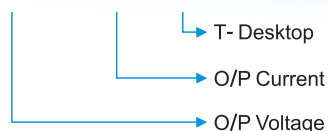
Features:

- 100-240VAC Universal Input
- Single Output to 18W
- Regulated Output with Low Ripple Noise
- Meets Safety Agency Requirements and Complies EMI/EMS
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-04535T	4.5V	3.5A	15.75 W
STD-05025T(*)	5.0V	2.5A	12.50 W
STD-05030T(*)	5.0V	3.0A	15.00 W
STD-05035T	5.0V	3.5A	17.50 W
STD-06025T(*)	5.9V	2.5A	14.75 W
STD-06030T(*)	5.9V	3.0A	17.70 W
STD-07025T	7.0V	2.5A	17.50 W
STD-07525T	7.5V	2.5A	18.75 W
STD-09015T	9.0V	1.5A	13.50 W
STD-09022T	9.0V	2.2A	19.80 W
STD-10019T	10.0V	1.9A	19.00 W
STD-12012T	12.0V	1.2A	14.40 W
STD-12016T	12.0V	1.6A	19.20 W
STD-13510T	13.5V	1.0A	13.50 W
STD-13514T	13.5V	1.4A	18.90 W
STD-15010T	15.0V	1.0A	15.00 W
STD-15013T	15.0V	1.3A	19.50 W
STD-16010T	16.0V	1.0A	16.00 W
STD-16012T	16.0V	1.2A	19.20 W
STD-18008T	18.0V	0.8A	14.40 W
STD-18011T	18.0V	1.1A	19.80 W
STD-20007T	20.0V	0.7A	14.00 W
STD-20010T	20.0V	1.0A	20.00 W
STD-24006T	24.0V	0.6A	14.40 W
STD-24008T	24.0V	0.8A	19.20 W

Input	
Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.48A Max.
Protection	Internal primary current fuse, Inrush limiting
Configuration	IEC320/ C8

STD-□□□ □□ □



Output	
Load Regulation	± 5% (Typical)
Ripple	1~2% V p-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

Safety Approvals	
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / KC / LPS	

(*) With KC mark

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	Meet Energy Star Level V & ErP Stage 2 & MEPS
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	50,000 Calculated Hours at 25°C, by MIL- HDBK-217F

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

Mechanical	
Case Dimension	L88 x W50 x H34 (mm)
Weight	144g (reference)



R33154 RoHS