



40 / 50 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 40-50W
- 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-0940P/PA	9V	4.0A	36 W
STD-1233P/PA	12V	3.3A	40 W
STD-0950P/PA	9V	5.0A	45 W
STD-1242P/PA	12V	4.2A	50 W
STD-1533P/PA	15V	3.3A	50 W
STD-1827P/PA	18V	2.7A	50 W
STD-1926P/PA	19V	2.6A	50 W
STD-2025P/PA	20V	2.5A	50 W
STD-2421P/PA	24V	2.1A	50 W
STD-4810P/PA	48V	1.0A	50 W

Input

Voltage	100-240 VAC
Line Frequency	50- 60Hz
Current	1.1A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C6, C8, C14

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	20 AWG /18 AWG /16 AWG
Ferrite Core	Yes

STD-□□ □□ □

- P- C6, C14 / PA- C8
- O/P Current
- O/P Voltage

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin / 3.5mA @ 3 Pin
Efficiency	Meet Energy Star Level V & ErP Stage 2
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	L115 x W53 x H38 (mm)
Weight	278g (reference)

