

## 30 Watt Series

Desktop Type

STD-□□ □□ □



### Green Mode

Meet CEC Regulations & RoHS Compliance  
No Load Power Consumption Less Than 0.5W

### Features:

- 100-240VAC Universal Input
- Single Output to 30W
- Regulated Output with Low Ripple Noise
- Meets Safety Agency Requirements and Complies EMI/EMS
- Private Label Marking Available
- Modified and Custom Designs Available
- 1 Year Warranty

### Safety Approvals

CB / UL / cUL / GS / CE / PSE / BSMI / RCM / LPS

### Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	Meet CEC & Energy Star
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 min 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 Dimensions	L95 x W58 x H34 (mm)
Weight	230g (reference)

Model	O/P Voltage	O/P Current	Watt
STD-0505P	5.0V	5.0A	25.0 W
STD-0903P	9.0V	3.0A	27.0 W
STD-1225P	12.0V	2.5A	30.0 W
STD-1502P	15.0V	2.0A	30.0 W
STD-2412P	24.0V	1.25A	30.0 W

### Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.7A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C8

### Output

Load Regulation	± 5%
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	20AWG / 18AWG
Ferrite Core	No (Optional)

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