



200 Watt Series

Desktop Type



STD-

- S-Switch Type
- O/P Current
- O/P Voltage

Green Mode

Meet CEC, Energy Star & ERP Regulations
No Load Power Consumption Less Than 0.5W

Features:

- 100-240VAC Universal Input
- Single Output to 200W
- Regulated Output with Low Ripple Noise
- Meets Energy Star Level V Compliance
- Meets Safety Agency Requirements and Complies EMI/EMS
- Private Label Marking Available
- Modified and Custom Designs Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-12160/S	12V	16.0A	192W
STD-18110/S	18V	11.0A	200W
STD-19105/S	19V	10.5A	200W
STD-20100/S	20V	10.0A	200W
STD-24083/S	24V	8.3A	200W
STD-48042	48V	4.2A	200W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	2.8A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C6, C14

Output

Load Regulation	± 5% (Typical)
Ripple	3-5% 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/Over Temperature Protection
DC Cord	UL2464, 18AWG / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

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

Electrical

Topology	LLC
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	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 Dimensions	L183 x W81x H42 (mm) L203 x W81 x H42 (mm)-Switch type
Weight	850g (reference)



lhvpower.com

LHV Power Corporation | 10221 Buena Vista | Santee, CA 92071, USA
Tel: 619 258 7700 | Fax: 619 258 7733 | sales@lhvpower.com