



## 160 Watt Series

Desktop Type

**NEW**

### Green Mode

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

### Features:

- 100-240VAC Universal Input
- Single Output to 160W
- 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

STD-



### 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 Dimension	L174 x W73.5 x H42 (mm)
Weight	700g (reference)

Model	O/P Voltage	O/P Current	Watt
STD-12125	12V	12.5A	150 W
STD-19084	19V	8.4A	160 W
STD-24066	24V	6.6A	160 W
STD-48033	48V	3.3A	160 W

### Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	2.2A Max.
Protection Configuration	Internal Primary Current Fuse, Inrush Limiting IEC320/ C6, 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/Over Temperature Protection
DC Cord	UL 2464 / 18AWG/ 16AWG
Ferrite Core	No (Optional)

North America Office:  
**L.Q.P. Enterprises Co., LTD.**  
175-5489 Byrne Road,  
Burnaby, B.C. V5J 3J1 Canada  
TEL: (604)451-7899 FAX: (604)451-7858  
www.LeadingQP.com, www.LQP.ca



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