

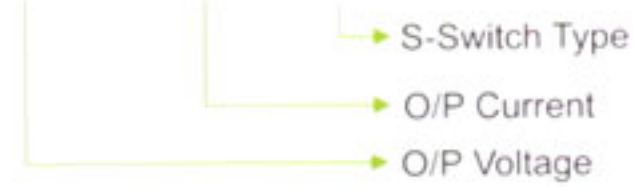


## 200 Watt Series

Desktop Type



STD-□□ □□□ □



### 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/S | 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             | 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            | 18AWG / 16AWG / 14AWG  |
| Ferrite Core       | Yes  |

### 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

|                        |  |
|------------------------|--|
| Operatring Temperature | 0 to +40°C                                       |
| Storage Temperature    | -20 to +80°C                                     |
| Relative Humidity      | Operating: 20 to 80% RH<br>Storage: 10 to 90% RH |
| Cooling                | Natural Convection Cooling                       |

### Mechanical

|                 |   |
|-----------------|---|
| Case Dimensions | L183 x W81x H42 (mm)<br>L203 x W81 x H42 (mm)-Switch type |
| Weight          | 850g (reference)  |

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