

Green Mode

Meet CEC, Energy Star & ErP Regulations
No Load Power Consumption Less Than 0.3W

Features:

- 100-240VAC Universal Input
- Single Output to 18W
- Wall Mount Changeable Plug with Option of Various Plugs
- 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-04535V | 4.5V | 3.5A | 15.75 W |
| STD-05025V | 5.0V | 2.5A | 12.50 W |
| STD-05030V(*) | 5.0V | 3.0A | 15.00 W |
| STD-05035V | 5.0V | 3.5A | 17.50 W |
| STD-06025V(*) | 5.9V | 2.5A | 14.75 W |
| STD-06030V(*) | 5.9V | 3.0A | 17.70 W |
| STD-07025V | 7.0V | 2.5A | 17.50 W |
| STD-07525V | 7.5V | 2.5A | 18.75 W |
| STD-09015V | 9.0V | 1.5A | 13.50 W |
| STD-09022V | 9.0V | 2.2A | 19.80 W |
| STD-10019V | 10.0V | 1.9A | 19.00 W |
| STD-12012V | 12.0V | 1.2A | 14.40 W |
| STD-12016V | 12.0V | 1.6A | 19.20 W |
| STD-13510V | 13.5V | 1.0A | 13.50 W |
| STD-13514V | 13.5V | 1.4A | 18.90 W |
| STD-15010V | 15.0V | 1.0A | 15.00 W |
| STD-15013V | 15.0V | 1.3A | 19.50 W |
| STD-16010V | 16.0V | 1.0A | 16.00 W |
| STD-16012V | 16.0V | 1.2A | 19.20 W |
| STD-18008V | 18.0V | 0.8A | 14.40 W |
| STD-18011V | 18.0V | 1.1A | 19.80 W |
| STD-20007V | 20.0V | 0.7A | 14.00 W |
| STD-20010V | 20.0V | 1.0A | 20.00 W |
| STD-24006V | 24.0V | 0.6A | 14.40 W |
| STD-24008V | 24.0V | 0.8A | 19.20 W |

Input

| | |
|----------------|--|
| Voltage | 100-240 VAC |
| Line Frequency | 50-60Hz |
| Current | 0.48A Max. |
| Protection | Internal Primary Current Fuse, Inrush Limiting |

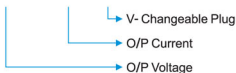
| | |
|---------------|---|
| Configuration | U for US AC Pin E for EU Pin B for UK Pin A for AU Pin C for CN Pin K for KR Pin |
|---------------|---|

18 Watt Series

AC Prong Changeable

Wall Mount Type

STD-□□□□□□□



Output

| | |
|--------------------|--|
| Load Regulation | ± 5% (Typical) |
| Ripple | 1~2mV 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 | 22AWG / 20AWG / 18AWG |
| Ferrite Core | No (Optional) |

Safety Approvals

For USA - CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe - CB / GS / CE / LPS

For UK - CB / CE / LPS

For Australia - CB / RCM / LPS

For China - CB / CCC / LPS

For Korea - CB / KC / LPS

(*) With KC mark

Electrical

| | |
|----------------------------|---|
| Topology | Switching Flyback |
| Dielectric Withstand | 3000 VAC Primary - Secondary |
| Leakage Current | 0.25mA @ 2 Pin |
| Efficiency | Meet Energy Star Level V & ErP Stage 2 & MEPS |
| 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 | L77.5 x W51.8 x H40.5 (mm) |
| Weight | 158g (reference) |

