



NORDIC POWER

24 Watt Series

Wall Mount Type

USA / Japan / Taiwan / Europe/ UK/
Australia/ China

STD-□□□ □□ □

U : US AC Pin / E : EU Pin /
B : UK Pin / A : AU Pin /
C : CN Pin
→ O/P Current
→ O/P Voltage

Green Mode

CEC , Energy Star Level V & ErP Stage 2
No Load Power Consumption Less Than 0.3W

Features:

- 100-240VAC Universal Input
- Single Output to 24W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

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

Electrical

| | |
|----------------------------|--|
| Topology | Switching Flyback |
| Dielectric Withstand | 3000 VAC Primary - Secondary |
| Leakage Current | 0.25mA @ 2 Pin |
| Efficiency | Energy Star Level V & ErP Stage 2 & MEPS Certified |
| 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 |

| Model | O/P Voltage | O/P Current | Watt |
|--------------------|-------------|-------------|---------|
| STD-05040U/E/B/A/C | 5.0V | 4.0A | 20.0 W |
| STD-06035U/E/B/A/C | 5.9V | 3.5A | 20.65 W |
| STD-07030U/E/B/A/C | 7.0V | 3.0A | 21.0 W |
| STD-07530U/E/B/A/C | 7.5V | 3.0A | 22.5 W |
| STD-09025U/E/B/A/C | 9.0V | 2.5A | 22.5 W |
| STD-09525U/E/B/A/C | 9.5V | 2.5A | 23.75 W |
| STD-12020U/E/B/A/C | 12.0V | 2.0A | 24.0 W |
| STD-15016U/E/B/A/C | 15.0V | 1.6A | 24.0 W |
| STD-24010U/E/B/A/C | 24.0V | 1.0A | 24.0 W |
| STD-48005U/E/B/A/C | 48.0V | 0.5A | 24.0 W |

Input

| | |
|----------------|---|
| Voltage | 100-240 VAC |
| Line Frequency | 50-60Hz |
| Current | 0.58A 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 |

Output

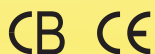
| | |
|--------------------|--|
| Load Regulation | ± 5% (Typical) |
| Ripple | 1~2% V p-p Max. for Output Voltage @ Full Load |
| Transient Response | 0.5mS for 50% Load Change Typical |
| Holdup Time | 10mS @ Full Load |
| Protection | Short Circuit Protection/ Over Voltage Protection/ Over Current Protection |
| DC Cord | 22AWG / 20AWG / 18AWG |
| Ferrite Core | No (Optional) |

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 | U - L72 x W34 x H69 (mm) |
| | E - L72 x W34 x H90 (mm) |
| | B - L72 x W50 x H81 (mm) |
| | A - L72 x W40 x H78 (mm) |
| Weight | U:148g / E:154g / B:158g / A:150g (Ref.) |



R33154 RoHS