



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.)

