



Green Mode

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

Features:

- 100-240VAC Universal Input
- Single Output to 5-7.5W
- Regulated Output with Low Ripple Noise
- 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-03015U/U1/E/B	3.0V	1.5A	4.50W
STD-03315U/U1/E/B	3.3V	1.5A	4.95W
STD-04215U/U1/E/B	4.2V	1.5A	6.30W
STD-04515U/U1/E/B	4.5V	1.5A	6.75W
STD-05010U/U1/E/B	5.0V	1.0A	5.00W
STD-05015U/U1/E/B	5.0V	1.5A	7.50W
STD-06012U/U1/E/B	6.0V	1.2A	7.20W
STD-07510U/U1/E/B	7.5V	1.0A	7.50W
STD-09006U/U1/E/B	9.0V	0.6A	5.40W
STD-12006U/U1/E/B	12.0V	0.6A	7.20W
STD-15005U/U1/E/B	15.0V	0.5A	7.50W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.19A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
AC Inlet	U for UL AC Pin (Side) U1 for UL AC Pin (Frontal) E for EU Pin B for UK 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
Ferrite Core	Yes (Not for U1 Type, but Optional)

5 Watt Series

Wall Mount Type (Side)

USA / Japan / Taiwan / Europe / U.K.
(Forntal optional for USA/Japan/Taiwan)

STD-□□□ □□ □



Safety Approvals

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

For Europe - CB / GS / CE / LPS

For U.K. - CB / CE / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin
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 Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimensions	U - L 52 x W 29 x H 63 (mm)
	U1- L64 x W 48 x H 45 (mm)
	E - L 52 x W 29 x H 85 (mm)
	B - L 52 x W 50 x H 75 (mm)
Weight	U/U1:110g / E:110g / UK:116g (reference)

