

18 Watt Series

Wall Mount Type

USA / Japan / Taiwan / Europe / U.K. / Australia /

China

STD-□□□ □□ □

- U- UL AC Pin / E- EU Pin / B- UK Pin / A- AU Pin / C- Cn Pin
- O/P Current
- O/P Voltage



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
- 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-04535U/E/B/A/C	4.5V	3.5A	15.75 W
STD-05025U/E/B/A/C	5.0V	2.5A	12.50 W
STD-05030U/E/B/A/C	5.0V	3.0A	15.00 W
STD-05035U/E/B/A/C	5.0V	3.5A	17.50 W
STD-06025U/E/B/A/C	5.9V	2.5A	14.75 W
STD-06030U/E/B/A/C	5.9V	3.0A	17.70 W
STD-07025U/E/B/A/C	7.0V	2.5A	17.50 W
STD-07525U/E/B/A/C	7.5V	2.5A	18.75 W
STD-09015U/E/B/A/C	9.0V	1.5A	13.50 W
STD-09022U/E/B/A/C	9.0V	2.2A	19.80 W
STD-10019U/E/B/A/C	10.0V	1.9A	19.00 W
STD-12012U/E/B/A/C	12.0V	1.2A	14.40 W
STD-12016U/E/B/A/C	12.0V	1.6A	19.20 W
STD-13510U/E/B/A/C	13.5V	1.0A	13.50 W
STD-13514U/E/B/A/C	13.5V	1.4A	18.90 W
STD-15010U/E/B/A/C	15.0V	1.0A	15.00 W
STD-15013U/E/B/A/C	15.0V	1.3A	19.50 W
STD-16010U/E/B/A/C	16.0V	1.0A	16.00 W
STD-16012U/E/B/A/C	16.0V	1.2A	19.20 W
STD-18008U/E/B/A/C	18.0V	0.8A	14.40 W
STD-18011U/E/B/A/C	18.0V	1.1A	19.80 W
STD-20007U/E/B/A/C	20.0V	0.7A	14.00 W
STD-20010U/E/B/A/C	20.0V	1.0A	20.00 W
STD-24006U/E/B/A/C	24.0V	0.6A	14.40 W
STD-24008U/E/B/A/C	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 UL 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)

Safety Approvals

For USA - CB / UL / cUL / FCC / PSE / BSMI / LPS
For Europe - CB / GS / CE / LPS
For U.K. - 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	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 Dimensions	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)
	C - L72 x W34 x H69 (mm)
Weight	U:148g / E:154g / B:158g / A:150g / C:148g(reference)

