



30 / 40 Watt Series NEW

Green Mode

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

Features:

- Smaller Size of 87.5 x 35 x 26.5mm
- 100-240VAC Universal Input
- Single Output to 30W-40W
- 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-18016SW/X	18.0V	1.66A	29.88W
STD-18022SW/X	18.0V	2.20A	39.60W
STD-18516SW/X	18.5V	1.62A	29.97W
STD-18521SW/X	18.5V	2.16A	39.96W
STD-19015SW/X	19.0V	1.57A	29.83W
STD-19021SW/X	19.0V	2.10A	39.90W
STD-19515SW/X	19.5V	1.53A	29.835W
STD-19520SW/X	19.5V	2.05A	39.975W
STD-20015SW/X	20.0V	1.50A	30.00W
STD-20020SW/X	20.0V	2.00A	40.00W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	1A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C6,C8

Output

Load Regulation	± 5%
Ripple	3% 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	20AWG
Ferrite Core	Yes



Safety Approvals

CB / UL / cUL / FCC / GS / CE /PSE / BSMI/LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin / 3.5mA @ 3 Pin
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

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	L87.5 x W35 x H26.5 (mm)
Weight	140g (reference)



RoHS