



30 / 40 Watt Series

For Netbook

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 Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-18016SW/X	18V	1.66A	30 W
STD-18022SW/X	18V	2.20A	40 W
STD-18516SW/X	18.5V	1.62A	30 W
STD-18521SW/X	18.5V	2.16A	40 W
STD-19015SW/X	19V	1.57A	30 W
STD-19021SW/X	19V	2.10A	40 W
STD-19515SW/X	19.5V	1.53A	30 W
STD-19520SW/X	19.5V	2.05A	40 W
STD-20015SW/X	20V	1.50A	30 W
STD-20020SW/X	20V	2.00A	40 W

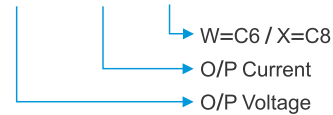
Input

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% (Typical)
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

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

