



30 / 40 Watt Series



Small Size Desktop Type

Green Mode

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

Features:

- Smaller Size of 88 x 50 x 34mm
- 100-240VAC Universal Input
- Single output to 30-40W
- 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-08030	8.4V	3.0A	25.2 W
STD-09030	9.0V	3.0A	27.0 W
STD-12025	12.0V	2.5A	30.0 W
STD-15020	15.0V	2.0A	30.0 W
STD-09040	9.0V	4.0A	36.0 W
STD-12033	12.0V	3.3A	39.6 W
STD-15026	15.0V	2.6A	39.0 W
STD-16025	16.0V	2.5A	40.0 W
STD-18022	18.0V	2.2A	39.6 W
STD-24016	24.0V	1.6A	38.4 W

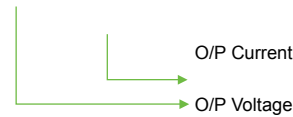
Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.7A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C8

Output

Load Regulation	± 5%
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	20AWG / 18AWG
Ferrite Core	Yes

STD-_____



Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / 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
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	L88 x W50 x H34 (mm)
Weight	186g (reference)

