



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:

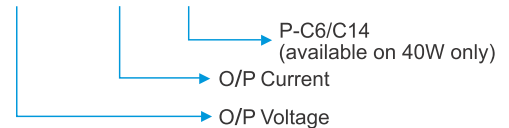
- Smaller Size of 88 x 50 x 34mm & 100 x 50 X 34 mm
- 100-240VAC Universal Input
- Single output to 30-40W
- Regulated Output with Low Ripple Noise
- Meets Safety Agency Requirements and Complies EMI/EMS
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-08030	8.4V	3.0A	25.2 W
STD-09030	9V	3.0A	27 W
STD-12025	12V	2.5A	30 W
STD-15020	15V	2.0A	30 W
STD-09040/P	9V	4.0A	36 W
STD-12030/P	12V	3.0A	36 W
STD-15026/P	15V	2.6A	40 W
STD-16025/P	16V	2.5A	40 W
STD-18022/P	18V	2.2A	40 W
STD-24016/P	24V	1.67A	40 W

Input	
Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.7A Max. for 30 W / 1.0 Max. for 40 W
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C6, C8, C14

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	20AWG / 18AWG / 16AWG
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 / 3.5mA@3Pin
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 Dimension	L88 x W50 x H34 (mm)
	L100 x 50 x H34 (mm) - - - P series
Weight	200g (reference)
	230g (reference) - - - P series