



65 Watt Series

Small Size Desktop Type

NEW

Green Mode

Meet CEC Regulations & RoHS Compliance
No Load Power Consumption Less Than 0.5W

Features:

- Smaller size of 108 x 46 x 32
- 100-240VAC Universal Input
- Single Output to 65W
- 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

STD-□□□ □□



Safety Approvals

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

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	3.5mA @ 3 PIN
Efficiency	Meet CEC & Energy Star
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 min 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	L108 x W46 x H32 (mm)
Weight	248g (reference)

Model	O/P Voltage	O/P Current	Watt
STD-15043	15V	4.3A	64.5W
STD-16040	16V	4.0A	64.0W
STD-18036	18V	3.6A	64.8W
STD-18535	18.5V	3.5A	64.7W
STD-19034	19V	3.4A	64.6W
STD-20032	20V	3.25A	64.0W
STD-24027	24V	2.7A	64.8W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	1.4A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC320/ C6

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	18AWG
Ferrite Core	Yes

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