



STD-24050UF

120W Open Frame

Customer Design

For Printer & LCD TV



Low Power Consumption & High Efficiency

Features:

- 100-240VAC Universal Input
- High Peak Power for Printer
- Regulated Output with Low Ripple Noise
- Special Design Based on Customer's Request

Model	O/P Voltage	O/P Current	Watt	Peak Power
STD-24050FP	24V	5A	120.0 W	600W
STD-24050UF	24V	5A	120.0 W	600W

120W special design for Printer with peak power of 600W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	1.6A Max. for 120W / 2.0A Max. for 149W
Protection	Internal Primary Current Fuse, Inrush Limiting

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 min. @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection(only for STD-24050) / Over Temperature Protection (Optional for 120W)
Ferrite Core	Yes

Electrical

Topology	Switching
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	Less than 3.5mA
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

Dimensions	STD-24050UF - L127 x W80 x H39 (mm) STD-24050FP - L140 x W63 x H28 (mm)
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RoHS