



Dual Output Series

Desktop Type

Features:

- 100-240VAC Universal Input
- Dual Output
- 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

Safety Approvals

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

Electrical

Topology	Switching
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	Less than 0.25mA
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

Model	O/P Voltage	O/P Current	Watt
STD-1253	5V / 12V	2.0A/ 2.1A	35.2W

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	L95 x W58 x H34 (mm)
Weight	242g (reference)

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.8A
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 min. @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	18AWG
Ferrite Core	Yes

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