



AQualities

A brand for **Quality** and **Reliability** products

40W & 50W & 65W Open Frame

Customer Design



Low Power Consumptions & High Efficiency

Features:

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

Model	O/P Voltage	O/P Current	Watt
STD-0940PF	9.0V	4.0A	36 W
STD-1233PF	12.0V	3.3A	40 W

Model	O/P Voltage	O/P Current	Watt
STD-0950PF	9.0V	5.0A	45 W
STD-1242PF	12.0V	4.2A	50 W
STD-1533PF	15.0V	3.3A	50 W
STD-1827PF	18.0V	2.7A	49 W
STD-1926PF	19.0V	2.6A	49 W
STD-2025PF	20.0V	2.5A	50 W
STD-2421PF	24.0V	2.1A	50 W
STD-4810PF	48.0V	1.0A	48 W

Model	O/P Voltage	O/P Current	Watt
STD-1250PF	12.0V	5.0A	60 W
STD-1543PF	15.0V	4.3A	65 W
STD-1640PF	16.0V	4.0A	64 W
STD-1836PF	18.0V	3.6A	65 W
STD-1934PF	19.0V	3.4A	65 W
STD-2032PF	20.0V	3.25A	65 W
STD-2427PF	24.0V	2.7A	65 W
STD-4813PF	48.0V	1.3A	62 W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	1.1A Max. for 40/50W; 1.4A Max. for 65W
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
Ferrite Core	Yes

Electrical

Topology	Switching
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	Less than 3.5mA
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	L123 x W53 x H30 (mm)
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