

# 120 WATT Series

Desktop Type



## Product Features:

- 100-240 VAC Universal Input
- Single Output to 120W
- No Load Power Consumption Less Than 0.5W
- Regulated Output With Low Ripple noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified & Custom Design Available
- Energy Star Level V
- 2 Year Warranty



MODEL	VOLTAGE	CURRENT	WATT
STD-12090 (*)	12V	9.0A	108W
STD-15080	15V	8.0A	120W
STD-16075	16V	7.5A	120W
STD-18066	18V	6.6A	120W
STD-19063	19V	6.3A	120W
STD-20060	20V	6.0A	120W
STD-24050(*)	24V	5.0A	120W
STD-30040	30V	4.0A	120W
STD-48025	48V	2.5A	120W

## ELECTRICAL SPECIFICATIONS:

TOPOLOGY	Switching Flyback
DIELECTRIC WITHSTAND	3000VAC Primary - Secondary
LEAKAGE CURRENT	3.5mA @ 3 Pin
EFFICIENCY	ErP Stage 2 & NRCan Certified
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	300,000 Calculated Hours at 25°C, by Telcordia SR-332

## INPUT SPECIFICATIONS:

VOLTAGE	100-240 VAC
FREQUENCY	50-60Hz
CURRENT	1.6A Max
PROTECTION	Internal Primary Current Fuse, Inrush Limiting
CONFIGURATION	IEC60320/C6, C14

## GENERAL SPECIFICATIONS:

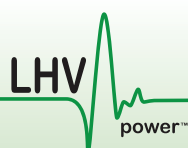
OPERATING TEMPERATURE	0 ~ +40°C
STORAGE TEMPERATURE	-20°C ~ +80°C
COOLING	Convection
HUMIDITY	Operating: 20-80% RH; Storage: 10-90% RH
CASE DIMENSION	168L x 66W x 39H (mm)
WEIGHT	590g. (Ref.)

## OUTPUT SPECIFICATIONS:

LOAD REGULATION	±5% (typical)
RIPPLE	1~2% Vp-p Max @ Full Load
TRANSIENT RESPONSE	0.5mS for 50% Load Change Typical
HOLDUP TIME	10mS @ Full Load
PROTECTION	Short Circuit; Over Voltage; Over Current, Over Temperature
DC CORD	18AWG; 16AWG; 14AWG
FERRITE CORE	Yes

## SAFETY APPROVALS:

CB, UL, cUL, FCC, GS, CE, PSE, BSMI, CCC, RCM, KC (\*) with KC Mark



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