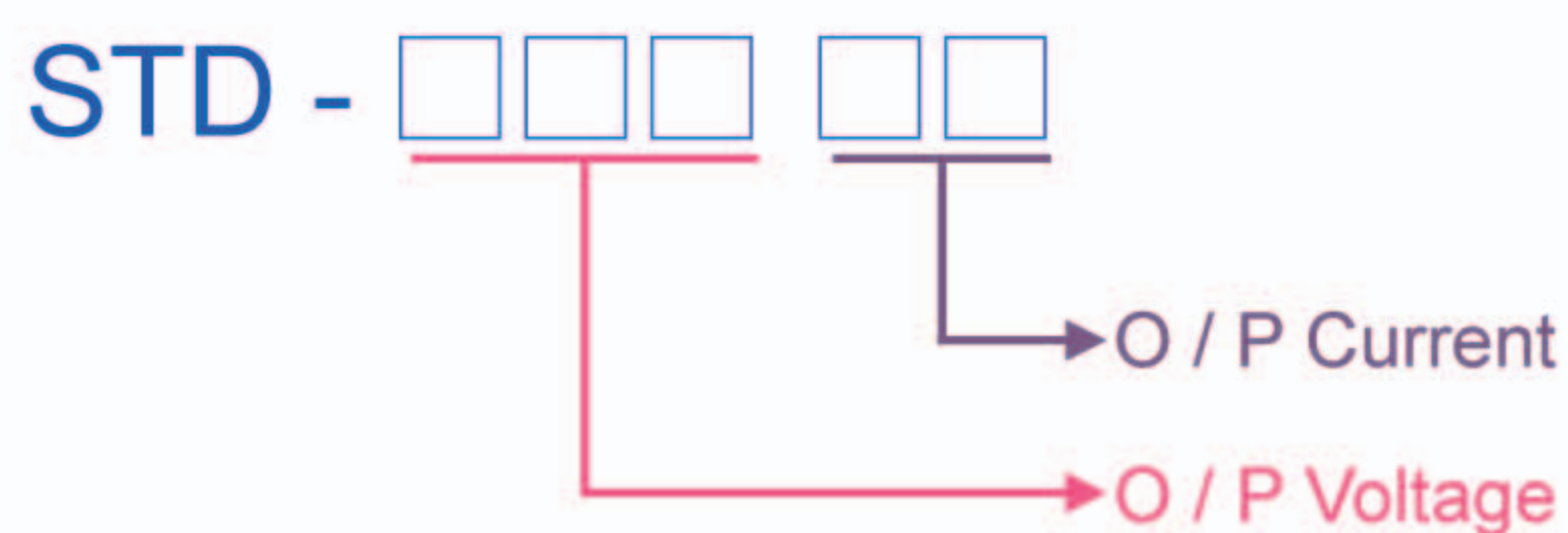




# 120 Watt Series

Desktop Type



## Green Mode

CEC , Energy Star Level V , ErP Stage 2  
No Load Power Consumption Less Than 0.5W

## Features :

- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-12090(*)	12V	9.00A	108 W
STD-15080	15V	8.00A	120 W
STD-16075	16V	7.50A	120 W
STD-18066	18V	6.60A	120 W
STD-19063	19V	6.30A	120 W
STD-20060	20V	6.00A	120 W
STD-24050(*)	24V	5.00A	120 W
STD-30040	30V	4.00A	120 W
STD-48025	48V	2.50A	120 W

## Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6,C14

## Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-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/ Over Temperature Protection
DC Cord	18AWG / 16AWG / 14AWG
Ferrite Core	Yes

## Safety Approvals

CB/ UL/ cUL/ FCC/ GS/ CE/ PSE/ BSMI/ CCC/ RCM/ KC

(\*) With KC mark

## Electrical

Topology	Switching Flyback
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	3.5mA @ 3 Pin
Efficiency	Energy Star Level V , 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

## 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 Dimension	L168 x W66 x H39 (mm) (Ref.)
Weight	590g (Ref.)



R33154

RoHS 22