

# LFZVC120SP Series



## Features

- Universal Input / Desktop Style.
- Convection cooled.
- Efficiency to 85% @ full load.
- EN55022-B-Level B.
- Energy Star IV Compliant / CEC Compliant.
- -10°C to 50°C Operating.
- Class 1 Product.

## Electrical Specifications

AC Input	90 to 264V
Input Frequency	47-63 Hz
Input Current	1.8 A Max.
Inrush Current	60 A Max
Efficiency <sup>1</sup>	70% Min.
Output Power	100W TO 120W
Line Regulation	+/-3.0%
Load Regulation	+/-5.0% Max.
Over Current Protection	Yes
Over Voltage Protection	Yes
Short Circuit Protection	Yes
Isolation Voltage	I/P-O/P: 3000 VAC
Operating Temperature	-10°C to 50°C De-rate from 40°C @ 100% to 50°C @ 75% Load
Storage Temperature	-20 to +85°C
Relative Humidity	20% to 90% RH
Cooling	Convection

Model Number	Voltage	Max. Load	Min. Load <sup>2</sup>	Wattage
ZVC100SP12D	+12 V	8.3 A	0.0 A	100W
ZVC120SP15D	+15 V	8.0 A	0.0 A	120W
ZVC120SP18D	+18 V	6.66 A	0.0 A	120W
ZVC120SP24D	+24 V	5.0 A	0.0 A	120W
ZVC120SP36D	+36 V	3.33 A	0.0 A	120W
ZVC120SP48D	+48 V	2.5 A	0.0 A	120W

## Mechanical Specifications

AC Input Connector	IEC320 C14
DC Output Connector	4 pin power din (FMP02-4P)
Dimensions	175mm x 60.5mm x 38.3 mm
Weight	650 g
<b>EMC</b>	
CEC Mark	Complies with standby power ( @ no load ) < 0.5 W.
Conducted Emissions	EN55022,CISPR22, FCC Part 15 Class B
EMC Standards	EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11
<b>Safety</b>	
Safety Standard(s)	UL 60950-1, CE, IEC 60950-1 and EN60950-1
Approval Agency	UL / TUV

## Mechanical Drawing

