

LFZVC180NP Series



Features

- Universal Input / Desktop Style.
- Convection cooled.
- Efficiency to 85% @ full load.
- EN55032-B- Level B.
- Energy Star VI Compliant / CEC Compliant.
- -10°C to 50°C Operating.
- Class I product.

Electrical Specifications

AC Input	90 to 264V
Input Frequency	47-63 Hz
Input Current	2.3 A Max.
Inrush Current	60 A Max
Efficiency ¹	85%
Output Power	120W TO 180W
Line Regulation	+/-3.0%
Load Regulation	+/-5.0%
Over Current Protection	Yes
Over Voltage Protection	Yes
Short Circuit Protection	Yes
Isolation Voltage	I/P - O/P (V +): 4242 VDC, I/P - FG: 2121 VDC (Class I)
Operating Temperature	10° C to +50° C De-Rate from 100% Load @ 40° C to 75% load @ 50° C
Storage Temperature	-20 to +85°C
Relative Humidity	20% to 90% RH
Cooling	Convection

Model Number	Voltage	Max. Load	Min. Load ²	Wattage
ZVC120NP12D	+12 V	10.0 A	0.0 A	120W
ZVC150NP12D	+12 V	12.50 A	0.0 A	150W
ZVC120NP15D	+15 V	8.0 A	0.0 A	120W
ZVC150NP15D	+15 V	10.0 A	0.0 A	150W
ZVC150NP19D	+19 V	7.89 A	0.0 A	150W
ZVC150NP24D	+24 V	6.25 A	0.0 A	150W
ZVC180NP24D	+24 V	7.5 A	0.0 A	180W
ZVC150NP36D	+36 V	4.16 A	0.0 A	150W
ZVC180NP36D	+36 V	5.0 A	0.0 A	180W
ZVC150NP48D	+48 V	3.125 A	0.0 A	150W
ZVC180NP48D	+48 V	3.75 A	0.0 A	180W

Mechanical Specifications

AC Input Connector	IEC320 C14
DC Output Connector	4 pin power din (FMP02-4P)
Dimensions	170.8mm x 84.85mm x 44.45 mm
Weight	1 kg
EMC	
CEC Mark	Complies with standby power (@ no load) < 0.1 W.
Conducted Emissions	EN55032, CISPR32, FCC Part 15 Class B
EMC Standards	EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11
Safety	
Safety Standard(s)	Meets UL 62368-1, CE , IEC 62368-1 and EN 62368-1
Approval Agency	UL / TUV

Mechanical Drawing

