

LFZVC180NP Series



Features

- Universal Input / Desktop Style.
- Convection cooled.
- Efficiency to 85% @ full load.
- EN55022-B-Level B.
- Energy Star V 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 | 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 | 4242 VDC I/P to O/P |
| Operating Temperature | -10°C to 50°C De-rate from 40°C @ 100% to 70°C @ 50% Load |
| 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) < 0.5 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 |
| Safety | |
| Safety Standard(s) | UL 60950-1, CE, IEC 60950-1 and EN60950-1 |
| Approval Agency | UL / TUV |

Mechanical Drawing

