

LFZVC30NP Series



Features

- Universal Input.
- Constant Current Option / Convection cooled.
- Efficiency to 80%.
- EN55032-B- Level B.
- Energy Star VI Compliant / CEC Compliant.
- -10°C to 50°C Operating.
- O/P's from 11V thru 50V.

Electrical Specifications

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|--------------------------|---|
| AC Input | 90-264 V |
| Input Frequency | 47-63 Hz |
| Input Current | 0.7 A Max |
| Efficiency ¹ | 80% |
| Hold-up Time | 10 ms |
| Output Power | 30 W |
| Line Regulation | +/-2.0% Max. |
| Load Regulation | +/-5.0% Max. |
| Over Current Protection | Auto Recovery |
| Over Voltage Protection | Yes |
| Short Circuit Protection | Short term |
| Isolation Voltage | I/P-O/P: 3000 VAC (Class II) |
| 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 |
|--------------|---------|-----------|------------------------|---------|
| ZVC30NP12-I | +12 V | 2.5 A | 0.0 A | 30 W |
| ZVC30NP15-I | +15 V | 2.0 A | 0.0 A | 30 W |
| ZVC30NP18-I | +18 V | 1.67 A | 0.0 A | 30 W |
| ZVC30NP24-I | +24 V | 1.25 A | 0.0 A | 30 W |
| ZVC30NP30-I | +30 V | 1.0 A | 0.0 A | 30 W |
| ZVC30NP36-I | +36 V | 0.833 A | 0.0 A | 30 W |
| ZVC30NP48-I | +48 V | 0.625 A | 0.0 A | 30 W |

Mechanical Specifications

| | |
|---------------------|--|
| AC Input Connector | Full Set (I suffix) |
| DC Output Connector | Rt angle Jack Connector ID : 2.54, OD : 5.54 & L : 9.5 |
| Dimensions | 82.0mm x 43.5mm x 35.7mm |
| Weight | 250 g |
| 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

