# GEPS24LT-100U-GLX2

## 24V 100W Power Supply




All Tetra® power supplies are designed specifically for the sign industry by our team of electronics experts. Tetra power supplies are built to stand the test of time, backed by the most extensive reliability testing in the industry and a five-year warranty.

## Features:

- Standard 5-year warranty
- Compatible with all 24VDC Current Lighting LED products
- UL: Class 2, Type HL, Class P
- IEC: SELV Output

| Specifications | |
|---|---|
| SKU | 93319089 |
| Nominal Voltage | 120-277V ± 10% |
| Line Current | 0.91-0.4A |
| Frequency | 50/60Hz |
| Protection Class: (EU Class I/II/III) | Class I |
| Number of Output Channels | 1 |
| Output Voltage | 24VDC ± 0.8VDC |
| Output Power | 96W, Iout <= 4.0A |
| Power Factor | >0.92 @ full load across nominal input voltage |
| THD | < 20% @ full load across nominal input voltage |
| Efficiency at Full Load | 120VAC: 88%<br>230VAC: 90%<br>277VAC: 90% |
| Max. no. of PSU per MCB | Available upon request |
| Operating Temperature Range, Ta | -40°C to 55°C |
| Operating Humidity | 10% to 90% non-condensing |
| Storage Temperature Range | -40°C to 85°C |
| Max. Case Temperature at Tc Point | 85°C |
| Warranty @ 100% Duty Cycle, Tc=45°C | 5 years |
| Dimmable | No |
| Short Circuit Protection | Yes |

| Specifications | |
|---|---|
| Overload Protection | Yes |
| Over Temperature Protection | Yes |
| Environmental Rating | Dry and Damp Rated, IP54 rated: must be protected from direct exposure to the weather |
| Geometry (L×W×H) | 9.5 in x 1.7 inch x 1.2 in<br>(241.3mm x 43.1mm x 30.0mm) |
| Weight | 600 g |
| Suitable for Fixtures with Protection Class | UL Class 2, Type HL, Class P, SELV |
| Safety | UL 8750<br>UL 1310<br>CAN/CSA-C22.2 No. 207<br>CAN/CSA-C22.2 No.223<br>EN 61347-2-13, EN 61347-1 |
| Radio Interference | FCC Part 15 Class A<br>E55015, EN 61547, EN 61000-3-2,<br>EN 61000-3-3 |
| Surge Capability | EN 61000-4-5<br>(1.2/50µs @ 2.0KV/2Ω L-N, 4.0KV/12Ω L+N-PE) |
| RoHS | Yes |
| Approvals (Certificates) | UL, CE, UKCA |
| Additional Notes | Not intended for no-load operation. |

Electrical products must not be thrown out with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations. Contact your local authorities or stockist for advice on recycling. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection-service.



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