

# Tetra® LED Power Supplies

## GEPS24-200U-GLX2

### 24V 200W 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 Tetra products
- UL: Class 2
- IEC: SELV

| Specifications                        |  |
|---------------------------------------|--|
| Model                                 | GEPS24-200U-GLX2                               |
| Nominal Voltage                       | 120-277V ± 10%                                 |
| Line Current                          | 1.92-0.83A                                     |
| Frequency                             | 50/60Hz  |
| Protection Class: (EU Class I/II/III) | Class I  |
| Number of Output Channels             | 2  |
| Output Voltage                        | 24VDC ± 1VDC, per output channel               |
| Output Power                          | 96W, I <sub>out</sub> ≤ 4A, per output channel |
| Power Factor                          | >0.9 @ full load across nominal input voltage  |
| THD                                   | < 20% @ full load across nominal input voltage |
| Efficiency at Full Load               | 120VAC: 87%<br>230VAC: 90.7%<br>277VAC: 90.7%  |
| Max. no. of PSU per MCB:              | Available upon request                         |
| Operating Temperature Range, Ta       | -40°C to 60°C                                  |
| Operating Humidity                    | 10% to 95% non-condensing                      |
| Storage Temperature Range             | -40°C to 85°C                                  |
| Max. Case Temperature at Tc Point:    | 80°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   |
| Geometry (L×W×H)                            | 19.5 in. x 2.4 in. x 1.6 in.<br>(495.5 mm x 61.6 mm x 40.2 mm)                                     |
| Weight                                      | 1940 g   |
| Suitable for Fixtures with Protection Class | UL Class 2, SELV   |
| Safety                                      | UL 879<br>UL 1310<br>CAN/CSA-C22.2 No. 207-15<br>CAN/CSA-C22.2 No.223<br>EN 61347-2-13, EN 61347-1 |
| Radio Interference                          | FCC Part 15 Class A<br>EN 55015, EN 61547, EN 61000-3-2,<br>EN 61000-3-3                           |
| Surge Capability                            | ANSI/IEEE C62.41<br>(1.2/50µs @ 6KV/2Ω L-N, 6KV/2Ω L+N-PE)   |
| RoHS  | Yes  |
| Approvals (Certificates)                    | UL, CE   |
| Additional Notes                            | Not intended to operate in "No Load" mode  |



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