

# GEPS24D-100U-NA

## 24V 100W Dimmable 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, Type HL, Class P

Specifications	
Model	GEPS24D-100U-NA
Nominal Voltage	120-277V ± 10%
Line Current	0.95A
Frequency	50/60Hz
Number of Output Channels	1
Output Voltage	24VDC ± 1VDC
Output Power	96W, I <sub>out</sub> ≤ 4A
Power Factor	>0.95 @ full load across nominal input voltage
THD	< 20% @ full load across nominal input voltage
Efficiency at Full Load	120VAC: 86.2% 230VAC: 88.3% 277VAC: 88.7%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T <sub>a</sub>	-40°C to 55°C
Operating Humidity	10% to 90% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at T <sub>c</sub> Point:	90°C
Warranty @ 100% Duty Cycle, T <sub>c</sub> =45°C	5 years
Dimmable:	Yes
Short Circuit Protection	Yes

Specifications	
Overload Protection	Yes
Over Temperature Protection	Yes
Environmental Rating	Dry and Damp Rated
Geometry (LxWxH)	9.5 in. x 1.7 in. x 1.0 in. (241 mm x 43.1 mm x 25.4 mm)
Weight	490 g
Suitable for Fixtures with Protection Class	UL Class 2, Type HL, Class P
Safety	UL 879 UL 1310 CAN/CSA-C22.2 No. 207-15 CAN/CSA-C22.2 No. 223
Radio Interference	FCC Part 15 Class A
Surge Capability	ANSI/IEEE C62.41 (1.2/50µs @ 6KV/2Ω L-N, 6KV/2Ω L+N-PE)
RoHS	Yes
Approvals (Certificates)	UL (US and Canada)
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