

# GEPS12-25U-EU

## 12V 25W 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 12VDC Tetra products
- IEC: SELV

Specifications	
Model	GEPS12-25U-EU
Nominal Voltage	220-240V ± 10%
Line Current	0.15A
Frequency	50/60Hz
Protection Class: (EU Class I/II/III)	Class I
Number of Output Channels	1
Output Voltage	12VDC ± 1VDC
Output Power	25W, I <sub>out</sub> ≤ 1.1A
Power Factor	>0.9 @ full load across nominal input voltage
THD	< 20% @ full load across nominal input voltage
Efficiency at Full Load	230VAC: 82%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T <sub>a</sub>	-25°C to 50°C
Operating Humidity	10% to 95% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at T <sub>c</sub> Point:	75°C
Warranty @ 100% Duty Cycle, T <sub>c</sub> =45°C	5 years
Dimmable:	No
Short Circuit Protection	Yes

Specifications	
Overload Protection	Yes
Over Temperature Protection	Yes
Environmental Rating	IP66 rated: must be protected from direct exposure to the weather.
Geometry (L×W×H)	6 in. x 1.6 in. x 1.2 in. (153 mm x 40 mm x 30 mm)
Weight	320 g
Suitable for Fixtures with Protection Class	SELV
Safety	EN 61347-2-13, EN 61347-1
Radio Interference	EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
Surge Capability	EN 61000-4-5 (1.2/50µs @ 1.0kV/2Ω L-N, 2.0kV/12Ω L+N-PE)
RoHS	Yes
Approvals (Certificates)	CE, UKCA
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