

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 _{out} ≤ 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, Ta	-25°C to 50°C
Operating Humidity	10% to 95% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at Tc Point:	75°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)	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

GEPS12-60U-NA

12V 60W 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
- UL: Class 2

Specifications	
Model	GEPS12-60U-NA
Nominal Voltage	120-277V ± 10%
Line Current	0.65A max
Frequency	50/60Hz
Number of Output Channels	1
Output Voltage	12VDC ± 1VDC
Output Power	60W, I _{out} ≤ 5A
Power Factor	>0.9 @ full load across nominal input voltage
THD	< 20% @ full load across nominal input voltage
Efficiency at Full Load	120VAC: 86% 230VAC: 87% 277VAC: 87%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T _a	-40°C to 60°C
Operating Humidity	10% to 95% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at T _c Point:	85°C
Warranty @ 100% Duty Cycle, T _c =70°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)	9.5 in. x 1.7 in. x 1.2 in. (241 mm x 43.2 mm x 30.5 mm)
Weight	620 g
Suitable for Fixtures with Protection Class	UL Class 2
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 @ 3KV/12Ω L-N)
RoHS	Yes
Approvals (Certificates)	UL, cUL
Additional Notes	Not intended to operate in "No Load" mode

GEPS12D-60U

12V 60W 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 12VDC Tetra products
- UL: Class 2

Specifications	
Model	GEPS12D-60U
Nominal Voltage	120-277V ± 10%
Line Current	0.85A max
Frequency	50/60Hz
Number of Output Channels	1
Output Voltage	24VDC ± 1VDC
Output Power	96W, I _{out} ≤ 4A
Power Factor	>0.9 @ full load across nominal input voltage
THD	< 20% @ full load across nominal input voltage
Efficiency at Full Load	81%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T _a	-40°C to 60°C
Operating Humidity	10% to 95% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at T _c Point:	80°C
Warranty @ 100% Duty Cycle, T _{amb} = 40°C	5 years
Dimmable:	Yes (0-10V)
Short Circuit Protection	Yes

Specifications	
Overload Protection	Yes
Over Temperature Protection	Yes
Environmental Rating	Dry and Damp Rated
Geometry (L×W×H)	9.5 in. x 1.7 in. x 1.2 in. (241 mm x 43.2 mm x 30.5 mm)
Weight	620 g
Suitable for Fixtures with Protection Class	UL Class 2
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 @ 3KV/12Ω L-N)
RoHS	Yes
Approvals (Certificates)	UL, cUL
Additional Notes	Not intended to operate in "No Load" mode

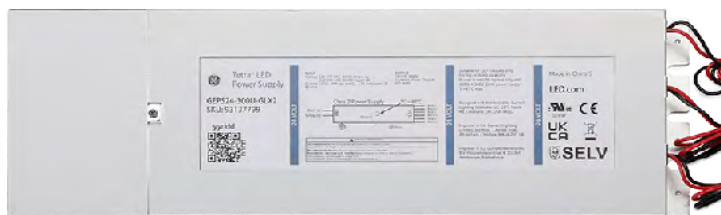
GEPS12-180U-NA

12V 180W 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
- UL: Class 2



Specifications	
Model	GEPS12-180U-NA
Nominal Voltage	120-277V \pm 10%
Line Current	1.95-0.81A
Frequency	50/60Hz
Number of Output Channels	3
Output Voltage	12VDC \pm 1VDC, per output channel
Output Power	180W, I _{out} \leq 5A, 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: 86% 230VAC: 87% 277VAC: 87%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T _a	-40°C to 60°C
Operating Humidity	10% to 95% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at T _c Point:	85°C
Warranty @ 100% Duty Cycle, T _c =44°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)	15.7 in. x 5.1 in. x 1.3 in. (400.0 mm x 130.6 mm x 32.6 mm)
Weight	2230 g
Suitable for Fixtures with Protection Class	UL Class 2, SELV
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 (1.2/50 μ s @ 3KV/12 Ω L-N)
RoHS	Yes
Approvals (Certificates)	UL, cUL
Additional Notes	Not intended to operate in "No Load" mode

GEPS12-25U-NA

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
- UL: Class 2

Specifications	
Model	GEPS12-25U-NA
Nominal Voltage	120-227V ± 10%
Line Current	0.23-0.1A
Frequency	50/60Hz
Number of Output Channels	1
Output Voltage	12VDC ± 1VDC
Output Power	25W, I _{out} ≤ 1.1A
Power Factor	>0.9 @ full load across nominal input voltage
THD	< 20% @ full load across nominal input voltage
Efficiency at Full Load	81%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T _a	-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 _c Point:	75°C
Warranty @ 100% Duty Cycle, T _c =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)	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	UL: Class 2
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 @ 1.0KV/2Ω L-N, 2.0KV/12Ω L+N-PE)
RoHS	Yes
Approvals (Certificates)	UL, cUL
Additional Notes	Not intended to operate in "No Load" mode

GEPS12W-60

12V 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 12VDC Tetra products
- UL: Class 2

Specifications	
Model	GEPS12W-60
Nominal Voltage	120-240V ± 10%
Line Current	0.85A max
Frequency	50/60Hz
Number of Output Channels	1
Output Voltage	24VDC ± 1VDC
Output Power	60W, I _{out} ≤ 5A
Power Factor	>0.9 @ full load across nominal input voltage
THD	< 20% @ full load across nominal input voltage
Efficiency at Full Load	120VAC: 83.5% 240VAC: 84%
Max. no. of PSU per MCB:	Available upon request
Operating Temperature Range, T _a	-40°C to 60°C
Operating Humidity	10% to 95% non-condensing
Storage Temperature Range	-40°C to 85°C
Max. Case Temperature at T _c Point:	80°C
Warranty @ 100% Duty Cycle, T _c =45°C	5 years
Dimmable:	No
Short Circuit Protection	Yes

Specifications	
Overload Protection	Yes
Environmental Rating	Wet Rated, IP66
Geometry (L×W×H)	12.1 in. x 2.0 in. x 1.3 in. (307 mm x 52 mm x 32 mm)
Weight	920 g
Suitable for Fixtures with Protection Class	UL Class 2
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 @ 1kV/2Ω L-N, 1kV/2Ω L+N-PE)
RoHS	Yes
Approvals (Certificates)	UL, cUL
Additional Notes	Not intended to operate in "No Load" mode