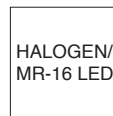
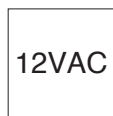




- 12VAC Transformers:** Tegan Lighting offers a variety of electronic transformers that are compatible with the Monopoints and Trac Systems for various layouts. Refer to the linked chart on page 3 for specification details. Specify ELV controls with electronic halogen transformers.
Note: Maximum remote mount distance for electronic transformers is 10'. Contact transformer manufacturer for more details. Contact Tegan Lighting for international transformers.
- Enclosures:** Small - 7" H x 5" W x 2" D - Remote Power Supply Enclosure (SRPSE). Large - 13" H x 8" W x 3" D - Remote Power Supply Enclosure (LRPSE). Remote mounting the power supply provides a clean minimalist aesthetic will result in a noise free installation. Install the power supply in an accessible remote location such as a closet or above a ceiling tile. Installing contractor to leave a minimum of 4" clearance around enclosure. Electrical contractor to connect electrical wire from the transformer to the system power feed utilizing the correct gauge to provide the proper voltage at the Systems/Monopoints. The wire gauge used to supply power to the trac should be sized according to the distance between the transformer and the Trac. Enclosure and power supply are provided as a kit.
- Material:** Steel.
- Finish:** Powder coated paint, Grey (GY).
- Systems:** Remote Power Supplies are required for all Spotlights and Luminaires with the specified Trac or Monopoint system(s) - except Surface Mount, Recessed Enclosure Monopoints and Decorative Power Supply with integral transformers. Refer to these linked Specsheets and Installation Sheets for details:
[Centro Trac Systems](#), [Retrac System \(RTS\)](#), [Monopoint Recessed Flat Plate - Remote Power Source \(MPRFP-RP\)](#), [Monopoint Recessed Trimless - Remote Power Source \(MRTL-RP\)](#), [Monopoint Panel Mount - Remote Power Source \(MPPM-RP\)](#).
- Spotlights:** [Evo](#), [Claro](#), [Argent](#), [Arlo](#), [Arte-MR-16](#), [Arte-AR-111](#), [Tiro](#)
- Installation:** Refer to Installation Instructions for details.
- Labels:** Refer to linked Power Supply Specsheets on the following pages for Manufacturer's listing. Interior applications only. In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear on teganlighting.com are the most recent version and supersede all other versions that exist in any other printed or electronic form.



12VAC Electronic Transformer Catalog Codes

Tegan Electronic 60W, 120V, Small Remote Power Supply Enclosure, Grey finish
 Cat. Code: T-E-60W-120V-SRPSE-GY^{1,2,3,4,5}

Tegan Electronic 150W, 120V, Small Remote Power Supply Enclosure, Grey finish
 Cat. Code: T-E-150W-120V-SRPSE-GY^{1,2,3,4,5}

Tegan Electronic 150W, 277V, Small Remote Power Supply Enclosure, Grey finish
 Cat. Code: T-E-150W-277V-SRPSE-GY^{1,2,3,4,5}

Tegan Electronic 300W, 120V, Large Remote Power Supply Enclosure, Grey finish
 Cat. Code: T-E-300W-120V-LRPSE-GY^{1,2,3,4,5,6}

Tegan Electronic 300W, 277V, Large Remote Power Supply Enclosure, Grey finish
 Cat. Code: T-E-300W-277V-LRPSE-GY^{1,2,3,4,5,6}

2 x Tegan Electronic 300W, 120V, Large Remote Power Supply Enclosure
 Cat. Code: 2-T-E-300-120V-LRPSE-GY^{1,2,3,4,5,6}

2 x Tegan Electronic 300W, 277V, Large Remote Power Supply Enclosure
 Cat. Code: 2-T-E-300-277V-LRPSE-GY^{1,2,3,4,5,6}

Notes:

- ¹ Spotlight, Luminaire, and Systems are specified separately. Refer to the linked Specification Sheets on page 1 for more detail.
- ² See table below for Power Supply options.
- ³ Due to the rapidly evolving technology for semiconductor products, Tegan driver options are subject to change at any time, without notice. In addition, if any of the standard drivers are out of stock or discontinued, Tegan Lighting will supply an equal as needed. Tegan can also supply alternative drivers upon request; contact the factory for details.
- ⁴ Tegan transformer standard options are subject to change at any time, without notice. Tegan can also supply alternate transformers upon request; contact the factory for details. Specify electronic low voltage dimmer(s) for electronic transformer(s). Contact transformer manufacturer for more details. Contact Tegan Lighting for International Transformers.
- ⁵ Note maximum remote mount distance for electronic transformers is 10'. Refer to manufacturers' transformer specifications for details.
- ⁶ Each 300W transformer should be connected to separate/isolated Trac circuits.

12VAC Power Supplies - Halogen/LED Transformers^{1,2,3,4}

Description	Catalog #	Watts	Min / Max Wattage ⁵	Tegan Enclosure Size	Typical Transformer Links ⁴
60W-Electronic-12V-AC-120V	T-E-60W-120V-SRPSE-GY	60W	5W / 60W	Small (SRPSE)	Hatch-RS12-60
150W-Electronic-12V-AC-120V	T-E-150W-120V-SRPSE-GY	150W	20W / 150W	Small (SRPSE)	Hatch-RS12-150
150W-Electronic-12V-AC-277V	T-E-150W-277V-SRPSE-GY	150W	20W / 150W	Small (SRPSE)	Hatch-RS12-150-277
300W-Electronic-12V-AC-120V	T-E-300W-120V-LRPSE-GY	300W	75W / 300W	Large (LRPSE)	Hatch-RS12-300
300W-Electronic-12V-AC-277V	T-E-300W-277V-LRPSE-GY	300W	75W / 300W	Large (LRPSE)	Hatch-RS12-300
2 - 300W-Electronic-12V-AC-120V ^{6,7}	T-E-300W-277V-LRPSE-GY	600W	75W / 300W (600W Total) ⁶	Large (LRPSE)	Hatch-RS12-300
300W-Electronic-12V-AC-277V ^{6,7}	2-T-E-300-120V-LRPSE-GY	300W	75W / 300W	Large (LRPSE)	Hatch-RS12-300-277
2 - 300W-Electronic-12V-AC-277V ^{6,7}	2-T-E-300-277V-LRPSE-GY	600W	75W / 300W (600W Total) ⁶	Large (LRPSE)	Hatch-RS12-300-277

Notes

- ¹ Tegan transformer standard options are subject to change at any time, without notice. Tegan can also supply alternate transformers upon request; contact the factory for details. Specify LVE controls with electronic halogen transformers. Contact transformer manufacturer for more details.
- ² MR-16 LED lamp (contact factory for options) can operate on any 12VAC transformer.
- ³ Remote Mount Distance: An AC (alternating current) electronic transformer should not be placed any farther than 10 feet from the lighting system. If it should be placed farther away than 10 feet from the lighting system, part or all of the lighting system will experience a lower voltage (known as voltage drop) and may result in dimmer lamps. Also, the longer the distance from the AC electronic transformer and the lighting system, the greater the chance that it might create radio frequency interference (RFI) with other electronic components in the area. Refer to the manufacturers' Spec sheet(s) for remote mount distances.
- ⁴ 24VDC LED Spots/Luminaires cannot operate on the same system as 12VAC Halogen Spots.
- ⁵ Minimum and maximum wattage information provided by the transformer manufacturer, refer to linked transformer specification sheets for the most current detail.
- ⁶ Note two (2) 300W transformers are used/specified for the 600W option. Minimum and maximum wattage for each transformer.
- ⁷ Each 300W transformer should be connected to separate/isolated Trac circuits.



12VAC Electronic Transformer Guide

12VAC Electronic Transformers ^{1,2,3,4} Specsheet Link							
Note: This table defines the fixture/lamp capacity per transformer if dimmed or not dimmed. All transformers dimmable with standard Electronic Low-Voltage dimmer.							
120V/277V Transformer Watts	Soraa Lamp Watts/Qty					Transformer Code	Finish
	6W Lamp	7.5W Lamp	9W Lamp	12.5W Lamp	18.5W Lamp		
60W							
Switched Capacity	7	5	4	3	2	T-E-60W-120V	Grey
Dimmed Capacity	2	2	1	1	0		
150W							
Switched Capacity	17	14	11	8	5	T-E-150W-120V T-E-150W-277V	Grey
Dimmed Capacity	6	5	4	3	2		
300W							
Switched Capacity	35	28	23	17	11	T-E-300W-120V T-E-300W-277V	Grey
Dimmed Capacity	12	10	8	6	4		
2 x 300W							
Switched Capacity	70	56	46	34	23	2-T-E-300W-120V 2-T-E-300W-277V	Grey
Dimmed Capacity	24	20	16	12	8		

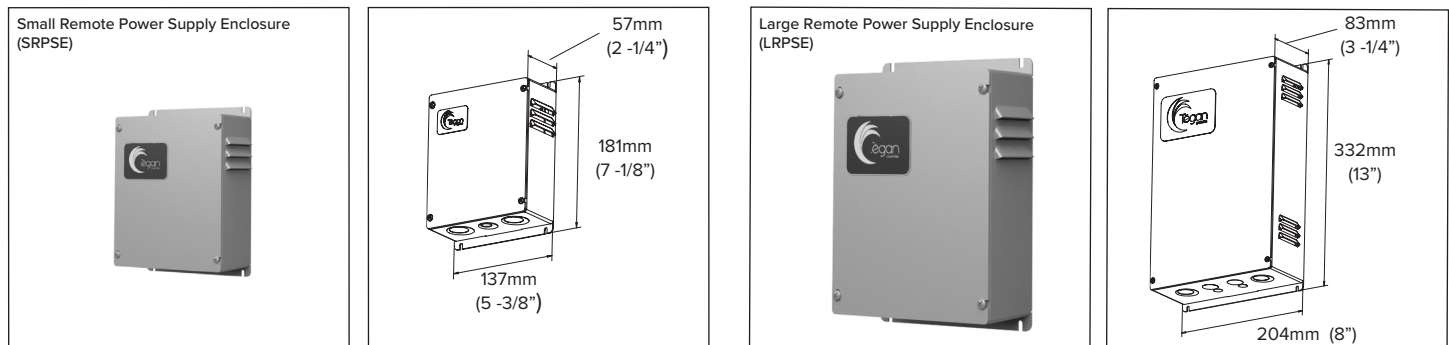
¹ Note that when used with MR16 LED and AR-111 Soraa LED lamps, the lamp has higher in-rush current than its rated wattage and has to be taken into consideration when specifying the system and power supply. Dimming and non-dimming; all power supplies. Visit this link for a calculator as a guideline for system sizing: [In-Rush Current Calculator](#). Contact Soraa or additional information.

² Refer to this 12VAC Electronic Transformer Specsheet for minimum and maximum driver ratings. Installation must be within Power Supply specifications. An incorrect installation will result in unfavorable operating results and will damage the components.

³ Each 300W transformer should be connected to separate/isolated Trac circuits.

⁴ Remote Mount Distance: An AC (alternating current) electronic transformer should not be placed any farther than 10 feet from the lighting system. If it should be placed farther away than 10 feet from the lighting system, part or all of the lighting system will experience a lower voltage (known as voltage drop) and may result in dimmer lamps. Also, the longer the distance from the AC electronic transformer and the lighting system, the greater the chance that it might create radio frequency interference (RFI) with other electronic components in the area. Refer to the manufacturers Specsheet(s) for remote mount distances.

Electronic Transformer - Enclosures



Tegan's Power Supply Enclosures are suitable for either low voltage Halogen transformers or LED drivers. The two sizes are available with with top and bottom knock-outs for wire connections. Powder coated grey painted finish (GY).

