Fuentes de Poder LED

60w, 120w, 180w

Descripción del Producto

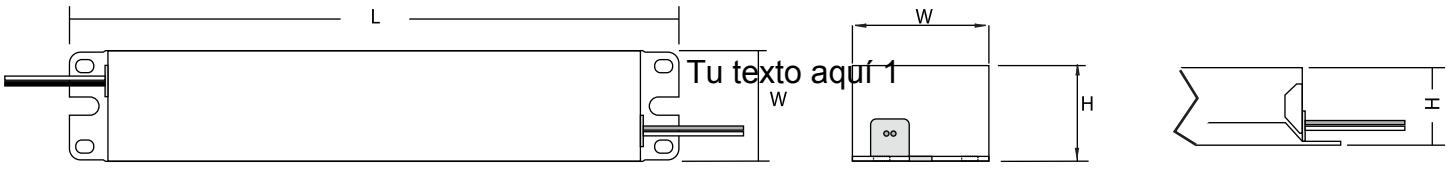
La serie **ACVN y ACV** de Allanson. Fuente de alimentación LED de voltaje de salida fija viene con características asequibles y confiables. Compatible con Anuncios Luminosos de cualquier tipo de fabricación. 12V voltaje de salida principal con 1,2, o 3 salidas, con selección multicanal para diferentes aplicaciones..
Las series **ACVN y ACV** cumplen con las certificaciones de seguridad de América del Norte y cumplen con los requisitos de inmunidad/emisiones/armónicos de la FCC. Los productos están diseñados y rigurosamente probados para trabajar en varias condiciones de iluminación LED de Rotulos Luminosos al aire libre e interior.

Características del Producto

- Diseño de voltaje constante
- Voltaje de entrada universal de 120-277 Vac
- Salida Multicanal y funcionamiento independiente
- Salida Clase 2
- Instalación en Lugares Secos y Humedos IP65
- Temperatura de funcionamiento -40°C to +55°C

Especificaciones

No. De Catálogo	Voltaje Entrada	Entrada Current Amps	Voltaje Salida DC	Amperaje Salida	Watts Salida	Medidas Pulgadas			Power Factor	Instalación
						L	W	H		
ACVN125-120-277V	120-277	1.20A-0.70A	12	5.0	60	5.50	1.70	1.18	NPF	Dry & Damp
ACV125-120-277V	120-277	0.59A-0.26A	12	5.0	60	6.50	1.70	1.18	HPF	Dry & Damp
ACV2125-120-277V	120-277	1.15A-0.50A	12	2 x 5.0	120	11.75	1.70	1.18	HPF	Dry & Damp
ACV3125-120-277V	120-277	1.70A-0.75A	12	3 x 5.0	180	16.70	1.70	1.18	HPF	Dry & Damp



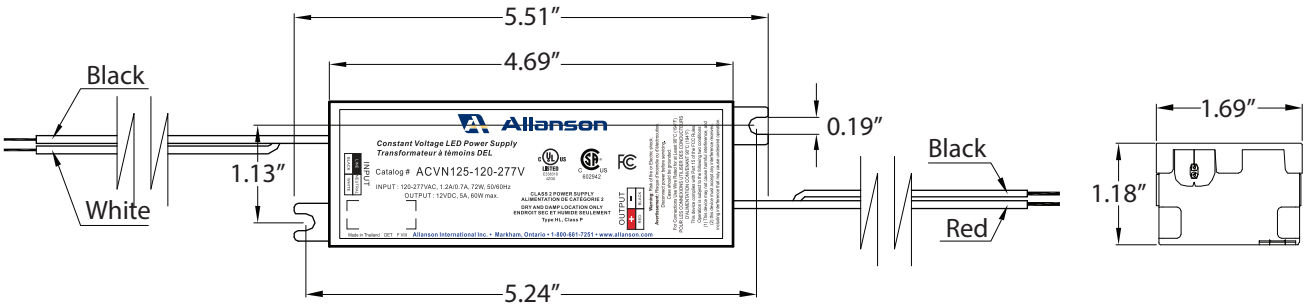
Recomendación de Calibre de Cable

Recomendación de Calibre de Cable del Primer modulo del Led a la Fuente de Alimentación

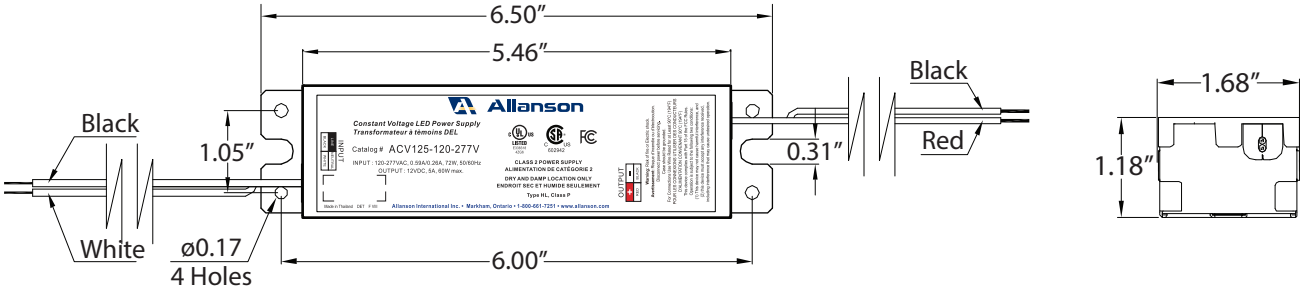
Distancia a la Fuente de Alimentación	Calibre de Cable	Caída de Voltaje esperada
13 pies / 3.9 m	16 AWG	5%
20 pies / 6 m	14 AWG	5%
30 pies / 9 m	12 AWG	5%

Fuentes de Poder LED
Dimensiones

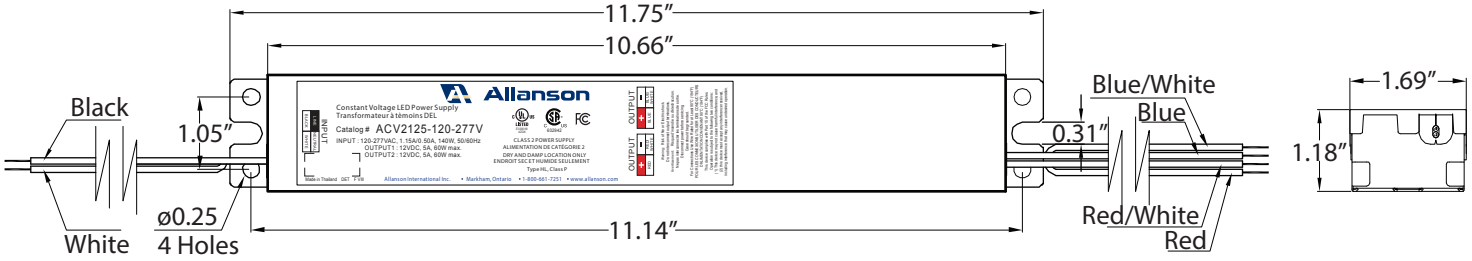
ACVN125-120-277V



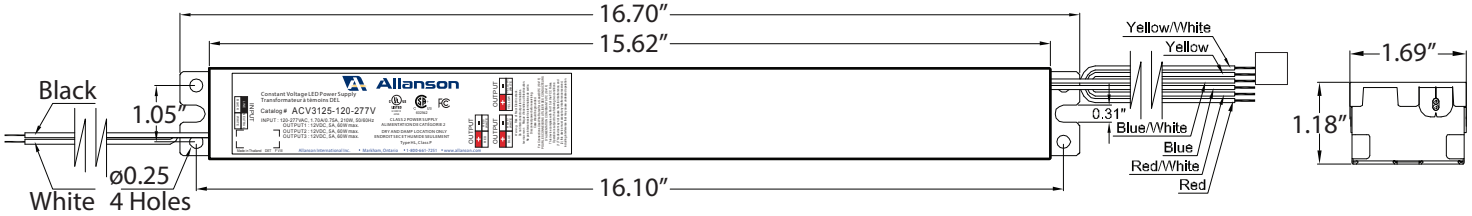
ACV125-120-277V



ACV2125-120-277V



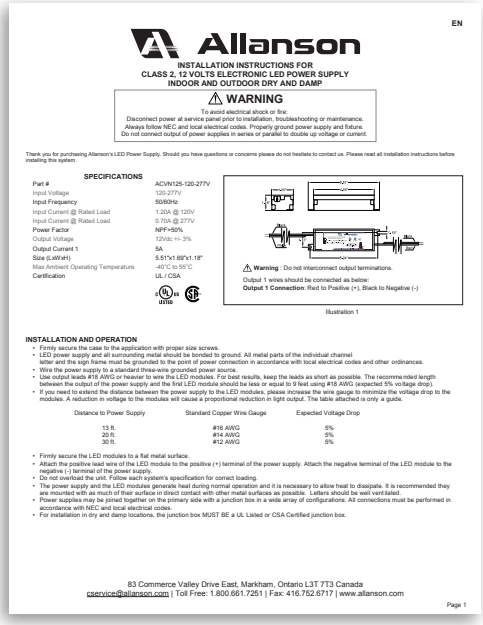
ACV3125-120-277V



Fuentes de Poder LED
Instrucciones de Instalación

Escanea el QR para accesar a las Fichas Técnicas

ACVN125-120-277V



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INSTALLATION INSTRUCTIONS FOR
CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY
INDOOR AND OUTDOOR DRY AND DAMP

⚠ WARNING
To avoid electrical shock or fire:
Disconnect power at service panel prior to installation, troubleshooting or maintenance.
Always follow NEC and local electrical codes. Properly ground power supply and fixture.
Do not connect output of power supplies in series or parallel to double up voltage or current.

Thank you for purchasing Allanson's LED Power Supply. Should you have questions or concerns please do not hesitate to contact us. Please read all installation instructions before installing this system.

SPECIFICATIONS

Part #	ACVN125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	1.20A @ 120V
Input Current @ Rated Load	0.70A @ 277V
Power Factor	NPF>50%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Size (LxWxH)	5.51"x1.69"x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL / CSA

⚠ **Warning** : Do not interconnect output terminations.
Output 1 wires should be connected as below:
Output 1 Connection: Red to Positive (+), Black to Negative (-)

Illustration 1

INSTALLATION AND OPERATION

- Firmly secure the case to the application with proper size screws.
- LED power supply and all surrounding metal should be bonded to ground. All metal parts of the individual channel letter and the sign frame must be grounded to the point of power connection in accordance with local electrical codes and other ordinances.
- Wire the power supply to a standard three-wire grounded power source.
- Use output leads #18 AWG or heavier to wire the LED modules. For best results, keep the leads as short as possible. The recommended length between the output of the power supply and the first LED module should be less or equal to 9 feet using #18 AWG (expected 5% voltage drop).
- If you need to extend the distance between the power supply to the LED modules, please increase the wire gauge to minimize the voltage drop to the modules. A reduction in voltage to the modules will cause a proportional reduction in light output. The table attached is only a guide.

Distance to Power Supply	Standard Copper Wire Gauge	Expected Voltage Drop
13 ft.	#16 AWG	5%
20 ft.	#14 AWG	5%
30 ft.	#12 AWG	5%

- Firmly secure the LED modules to a flat metal surface.
- Attach the positive lead wire of the LED module to the positive (+) terminal of the power supply. Attach the negative terminal of the LED module to the negative (-) terminal of the power supply.
- Do not overload the unit. Follow each system's specification for correct loading.
- The power supply and the LED modules generate heat during normal operation and it is necessary to allow heat to dissipate. It is recommended they are mounted with as much of their surface in direct contact with other metal surfaces as possible. Letters should be well ventilated.
- Power supplies may be joined together on the primary side with a junction box in a wide array of configurations. All connections must be performed in accordance with NEC and local electrical codes.
- For installation in dry and damp locations, the junction box MUST BE a UL Listed or CSA Certified junction box.

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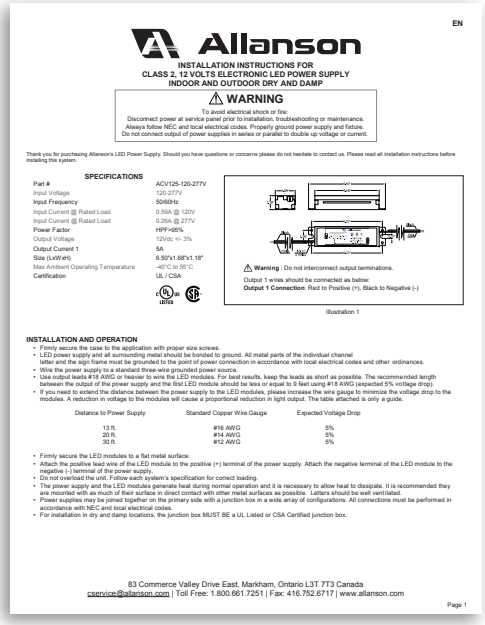
ACV125-120-277V



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INSTALLATION INSTRUCTIONS FOR
CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY
INDOOR AND OUTDOOR DRY AND DAMP

⚠ WARNING
To avoid electrical shock or fire:
Disconnect power at service panel prior to installation, troubleshooting or maintenance.
Always follow NEC and local electrical codes. Properly ground power supply and fixture.
Do not connect output of power supplies in series or parallel to double up voltage or current.

Thank you for purchasing Allanson's LED Power Supply. Should you have questions or concerns please do not hesitate to contact us. Please read all installation instructions before installing this system.

SPECIFICATIONS

Part #	ACV125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	0.59A @ 120V
Input Current @ Rated Load	0.26A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Size (LxWxH)	6.50"x1.68"x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL / CSA

⚠ **Warning** : Do not interconnect output terminations.
Output 1 wires should be connected as below:
Output 1 Connection: Red to Positive (+), Black to Negative (-)

Illustration 1

INSTALLATION AND OPERATION

- Firmly secure the case to the application with proper size screws.
- LED power supply and all surrounding metal should be bonded to ground. All metal parts of the individual channel letter and the sign frame must be grounded to the point of power connection in accordance with local electrical codes and other ordinances.
- Wire the power supply to a standard three-wire grounded power source.
- Use output leads #18 AWG or heavier to wire the LED modules. For best results, keep the leads as short as possible. The recommended length between the output of the power supply and the first LED module should be less or equal to 9 feet using #18 AWG (expected 5% voltage drop).
- If you need to extend the distance between the power supply to the LED modules, please increase the wire gauge to minimize the voltage drop to the modules. A reduction in voltage to the modules will cause a proportional reduction in light output. The table attached is only a guide.

Distance to Power Supply	Standard Copper Wire Gauge	Expected Voltage Drop
13 ft.	#16 AWG	5%
20 ft.	#14 AWG	5%
30 ft.	#12 AWG	5%

- Firmly secure the LED modules to a flat metal surface.
- Attach the positive lead wire of the LED module to the positive (+) terminal of the power supply. Attach the negative terminal of the LED module to the negative (-) terminal of the power supply.
- Do not overload the unit. Follow each system's specification for correct loading.
- The power supply and the LED modules generate heat during normal operation and it is necessary to allow heat to dissipate. It is recommended they are mounted with as much of their surface in direct contact with other metal surfaces as possible. Letters should be well ventilated.
- Power supplies may be joined together on the primary side with a junction box in a wide array of configurations. All connections must be performed in accordance with NEC and local electrical codes.
- For installation in dry and damp locations, the junction box MUST BE a UL Listed or CSA Certified junction box.

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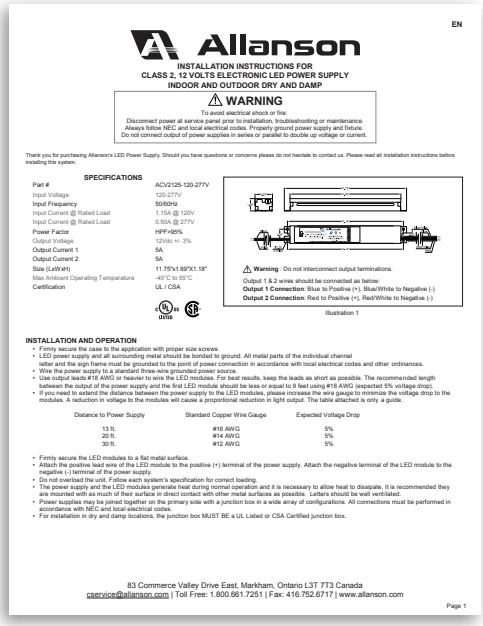
ACV2125-120-277V



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INSTALLATION INSTRUCTIONS FOR
CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY
INDOOR AND OUTDOOR DRY AND DAMP

⚠ WARNING
To avoid electrical shock or fire:
Disconnect power at service panel prior to installation, troubleshooting or maintenance.
Always follow NEC and local electrical codes. Properly ground power supply and fixture.
Do not connect output of power supplies in series or parallel to double up voltage or current.

Thank you for purchasing Allanson's LED Power Supply. Should you have questions or concerns please do not hesitate to contact us. Please read all installation instructions before installing this system.

SPECIFICATIONS

Part #	ACV2125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	1.15A @ 120V
Input Current @ Rated Load	0.50A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Output Current 2	5A
Size (LxWxH)	11.75"x1.65"x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL / CSA

⚠ **Warning** : Do not interconnect output terminations.
Output 1 & 2 wires should be connected as below:
Output 1 Connection: Blue to Positive (+), Blue/White to Negative (-)
Output 2 Connection: Red to Positive (+), Red/White to Negative (-)

Illustration 1

INSTALLATION AND OPERATION

- Firmly secure the case to the application with proper size screws.
- LED power supply and all surrounding metal should be bonded to ground. All metal parts of the individual channel letter and the sign frame must be grounded to the point of power connection in accordance with local electrical codes and other ordinances.
- Wire the power supply to a standard three-wire grounded power source.
- Use output leads #18 AWG or heavier to wire the LED modules. For best results, keep the leads as short as possible. The recommended length between the output of the power supply and the first LED module should be less or equal to 9 feet using #18 AWG (expected 5% voltage drop).
- If you need to extend the distance between the power supply to the LED modules, please increase the wire gauge to minimize the voltage drop to the modules. A reduction in voltage to the modules will cause a proportional reduction in light output. The table attached is only a guide.

Distance to Power Supply	Standard Copper Wire Gauge	Expected Voltage Drop
13 ft.	#16 AWG	5%
20 ft.	#14 AWG	5%
30 ft.	#12 AWG	5%

- Firmly secure the LED modules to a flat metal surface.
- Attach the positive lead wire of the LED module to the positive (+) terminal of the power supply. Attach the negative terminal of the LED module to the negative (-) terminal of the power supply.
- Do not overload the unit. Follow each system's specification for correct loading.
- The power supply and the LED modules generate heat during normal operation and it is necessary to allow heat to dissipate. It is recommended they are mounted with as much of their surface in direct contact with other metal surfaces as possible. Letters should be well ventilated.
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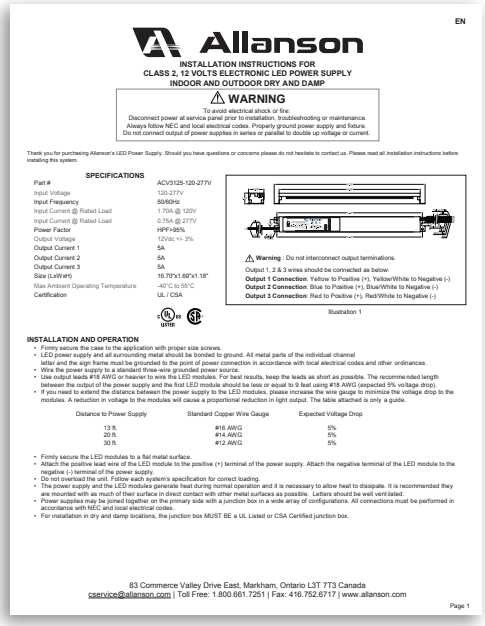

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INSTALLATION INSTRUCTIONS FOR
CLASS 2, 12 VOLTS ELECTRONIC LED POWER SUPPLY
INDOOR AND OUTDOOR DRY AND DAMP

⚠ WARNING
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SPECIFICATIONS

Part #	ACV3125-120-277V
Input Voltage	120-277V
Input Frequency	50/60Hz
Input Current @ Rated Load	1.70A @ 120V
Input Current @ Rated Load	0.75A @ 277V
Power Factor	HPF>95%
Output Voltage	12Vdc +/- 3%
Output Current 1	5A
Output Current 2	5A
Output Current 3	5A
Size (LxWxH)	16.70"x1.65"x1.18"
Max Ambient Operating Temperature	-40°C to 55°C
Certification	UL / CSA

⚠ **Warning** : Do not interconnect output terminations.
Output 1, 2 & 3 wires should be connected as below:
Output 1 Connection: Yellow to Positive (+), Yellow/White to Negative (-)
Output 2 Connection: Blue to Positive (+), Blue/White to Negative (-)
Output 3 Connection: Red to Positive (+), Red/White to Negative (-)

Illustration 1

INSTALLATION AND OPERATION

- Firmly secure the case to the application with proper size screws.
- LED power supply and all surrounding metal should be bonded to ground. All metal parts of the individual channel letter and the sign frame must be grounded to the point of power connection in accordance with local electrical codes and other ordinances.
- Wire the power supply to a standard three-wire grounded power source.
- Use output leads #18 AWG or heavier to wire the LED modules. For best results, keep the leads as short as possible. The recommended length between the output of the power supply and the first LED module should be less or equal to 9 feet using #18 AWG (expected 5% voltage drop).
- If you need to extend the distance between the power supply to the LED modules, please increase the wire gauge to minimize the voltage drop to the modules. A reduction in voltage to the modules will cause a proportional reduction in light output. The table attached is only a guide.

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- Firmly secure the LED modules to a flat metal surface.
- Attach the positive lead wire of the LED module to the positive (+) terminal of the power supply. Attach the negative terminal of the LED module to the negative (-) terminal of the power supply.
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