

**Important: Read all instructions prior to installation.**

## LED Power Supply



### Safety and Notes

- Product should be installed and serviced by a certified electrician in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.
- Ensure all mounts are securely attached and will support the weight of the power supply. Failure to properly support may result in damage or injury, for which the manufacturer does not assume responsibility.
- Installation of overvoltage and surge protection devices in the power supply circuit of lamps is recommended to ensure safety during use.
- Mount to a metal surface in a well-ventilated place to ensure that the environment temperature is appropriate for operation.
- Do not stack any objects on the power supply.
- Suitable for damp locations. Do not expose to corrosive gas or liquids.
- Do not install in completely sealed enclosures. Enclosures must be ventilated with holes to allow air passage.
- **Ensure the installation of the power supply complies with all driver specifications.**

### Specifications

Model	CVPS-20W-12V	CVPS-40W-12V	CVPS-60W-12V	CVPS-100W-12V
Output Wattage (max)	20W	40W	60W	100W
Output Current	1670mA	3340mA	5000mA	8340mA
Output Voltage	12 VDC			
Input Voltage	100–240 VAC			
Environmental Rating	IP67, Suitable for Damp Locations, Waterproof			
Ambient Operating Temperature	-20–50 °C (-4–122 °F)	-25–50 °C (-13–122 °F)	-20–40 °C (-4–104 °F)	-25–40 °C (-13–104 °F)
Dimmable	No			

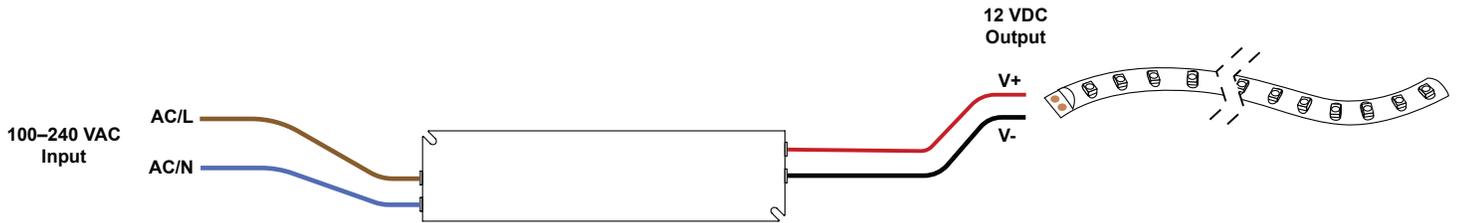
### Installation

1. Before starting installation, ensure power is completely disconnected at the source and cannot be inadvertently reconnected.
  2. Select an appropriate and structurally sound mounting location. Secure the driver to the surface using suitable screws.
  3. Make all connections with suitable wire connectors. For damp installation locations, verify that all connections and housings are tight to prevent water intrusion into the system.
  4. Briefly apply power to test for proper function. Once proper operation is confirmed, disconnect the power and complete the installation.
  5. If any event occurs, such as tripping a breaker or irregular operation, disconnect the input power and output connections.
- A qualified technician should examine all faults. Please do not attempt to remove the power supply case yourself. For additional support, please see our contact information below.

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### Installation



### Ventilation

- Do not install in completely sealed enclosures. Enclosures must be ventilated with holes to allow air passage.
- Multiple power supplies installed in one enclosure must be separated by a properly spaced metal plate and encased in epoxy to function properly.
- To creating an effectively cooled installation and environment for the power supply, do not install the power supply in a high temperature environment. Avoid heat transfer by exposing to proper flow air, making the space around the power supply as large as possible. Install power supply onto a large metal surface where possible—direct contact to the metal will dissipate heat through the metal plate.

