

Important: Read all instructions prior to installation.

Programmable Constant Current 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 over-voltage protection and surge protection devices in the power supply input circuit is recommended to ensure safety during use.
- When adjusting the output current of the power supply, please ensure that the total output power does not exceed the rated maximum power as this will void the warranty.
- Do not install driver in completely sealed enclosures. Enclosures must be ventilated with holes to allow air passage.
- Driver must be mounted with a 5" gap of free-flow air space for proper ventilation. Never mount above heat radiated objects.
- **Ensure the installation of the power supply complies with all driver specifications.**

Specifications

Model	DCEG-40W-P3	DCEG-60W-P3	DCEG-75W-P3	DCEG-100W-P3
Output Wattage (max)	40W	60W	75W	100W
Output Current Programmable Range	0.5–1.1A	0.7–1.5A	1.0–2.1A	1.3–2.8A
Output Voltage Range	27–54 VDC			
Input Voltage	100–277 VAC			
Environmental Rating	IP67, Suitable for Damp Locations, Waterproof			
Ambient Operating Temperature	-40 to 50°C (-40 to 122°F)			
Dimmable	Yes			

LED Driver Installation (Basic)

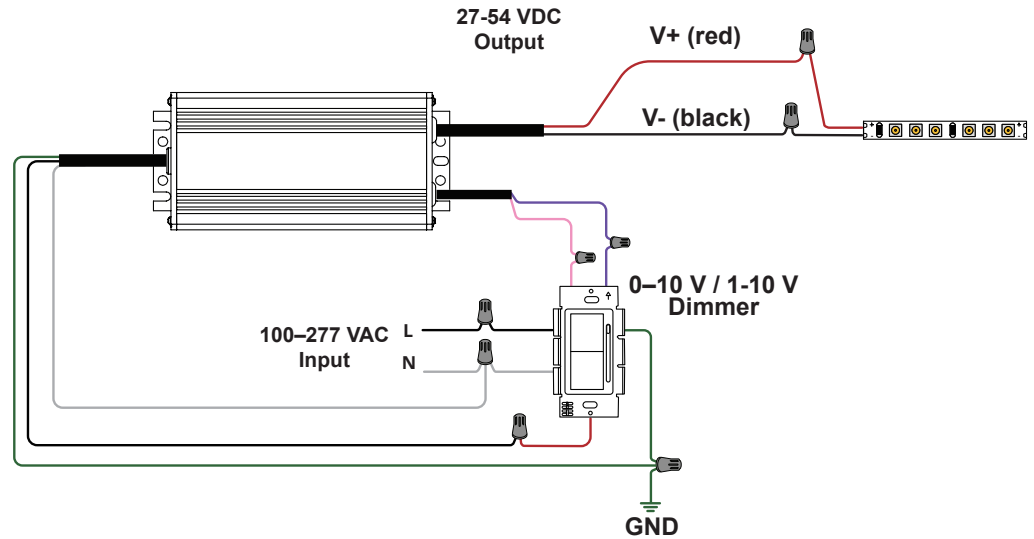
1. Before starting installation, ensure power is completely disconnected at the source and cannot be inadvertently reconnected.
2. Insert the LED driver dimming wires (DIM+ and DIM-) into the respective terminals on the programming device (if applicable).
3. Once programmed per individual application, select an appropriate and structurally sound mounting location. Secure the driver to the surface using suitable screws.
4. 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.
5. Briefly apply power to test for proper function. Once proper operation is confirmed, disconnect the power and complete the installation.
6. 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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Wiring Diagram for Programmable Drivers

Electronic 0-10V / 1-10V Dimmer Wiring Diagram



0-10V / 1-10V, 10V PWM, or Resistive Dimmer Wiring Diagram

