

Important: Read all instructions prior to installation.

12V / 24V Indoor Constant Voltage Power Supply



DVF-200W-12V

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.
- 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	DVF-100W-12V	DVF-200W-12V	DVF-350W-12V	
Output Wattage (max)	100W	200W	350W	
Output Current	8.3A	16.7A	29A	
Output Voltage	12V			
Input Voltage	100–240 VAC			
Environmental Rating	IP20, Suitable for Dry locations, Non-Weatherproof			
Ambient Operating Temperature	-30–70 °C (-22–158 °F)			
Dimmable	No			
Model	DVF-100W-24V	DVF-200W-24V	DVF-350W-24V	DVF-450W-24V
Output Wattage (max)	100W	200W	350W	450W
Output Current	4.2A	8.3A	14.6A	18.8A
Output Voltage	24V			
Input Voltage	100–240 VAC			
Environmental Rating	IP20, Suitable for Dry locations, Non-Weatherproof			
Ambient Operating Temperature	-30–70 °C (-22–158 °F)			
Dimmable	No			

Installation

1. Before starting installation, ensure power is completely disconnected at the source and cannot be inadvertently reconnected.
 2. Set input voltage switch on side of power supply unit to match line voltage (excluding 100W models).
 3. Select an appropriate and structurally sound mounting location. Secure the driver to the surface using suitable screws (M3 for 100-200W or M4 for 350-450W, max 3mm depth into the compartment). 4 L-shaped mounting brackets and attachment screws and are included with the 350W and 450W models.
 4. Make all connections with on board screw terminals (12–22 AWG wire) and suitable wire connectors.
 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 Diagrams

For models with a +V ADJ screw:

Voltage Range:

12V models: adjusted approximately 11–13V.

24V models: adjusted approximately 21–27V.

