

Features



- Constant voltage output
- Variable Input Voltage, 100-277VAC
- Compatible with Triac, MLV, ELV, 0-10V, & PWM Dimmers
- Flicker-free dimming
- Cooling by free air convection
- Full protection metal case
- Auto reset breakers, from short circuit, overloading, & over temperature
- Load 10 - 100%
- Dry & Wet location
- 5 year Warranty

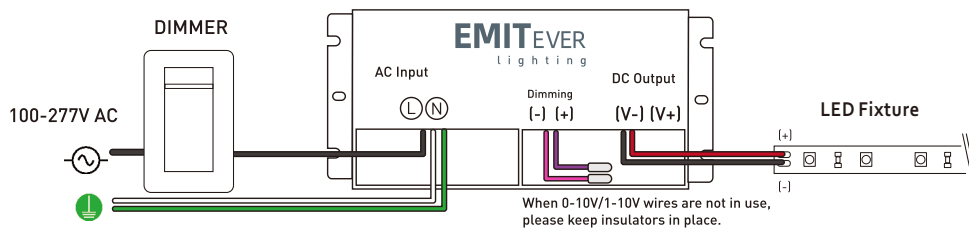


Technical information

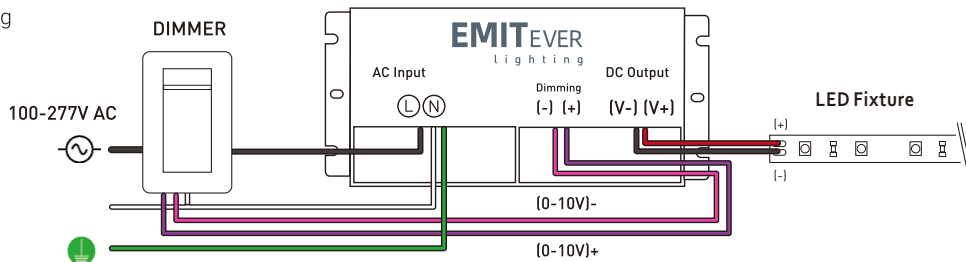
Model		PWR-G24V-030-66-U-D-J	PWR-G24V-060-66-U-D-J	PWR-G24V-096-66-U-D-J	PWR-G24V-100-66-U-D-J	PWR-G24V-150-66-U-D-J	PWR-G24V-300-66-U-D-J
Electrical	Voltage / Frequency	100 - 277V AC @ 50/60Hz	100 - 277V AC @ 50/60Hz	100 - 277V AC @ 50/60Hz	100 - 277V AC @ 50/60Hz	110 - 277V AC @ 50/60Hz	110 - 277V AC @ 50/60Hz
	Input Inrush	7A, 50%, 420us	14A, 50%, 780us	20A, 50%, 1.6ms	20A, 50%, 1.6ms	15A, 50%, 1.4ms	20A, 50%, 1.9ms
	Power Factor	0.99 @120V AC, 0.95 @ 277V AC	0.98 @120V AC, 0.95 @ 277V AC	0.98 @120V AC, 0.95 @ 277V AC	0.98 @120V AC, 0.95 @ 277V AC	0.99 @120V AC, 0.94 @ 277V AC	0.99 @120V AC, 0.95 @ 277V AC
	Efficiency	0.79 @120V AC, 0.80 @ 277V AC	0.83 @120VAC, 0.84 @277V AC	0.83 @120V AC, 0.86 @ 277V AC	0.83 @120V AC, 0.86 @ 277V AC	0.85 @120VAC, 0.87 @277V AC	0.88 @120V AC, 0.92 @ 277V AC
	AC Current (max)	0.5A @ 100V AC	0.9A @ 100V AC	1.3A @ 100V AC	1.4A @ 100V AC	1.8A @ 100V AC	3.4A @ 100V AC
	Output Power	30Wmax	60Wmax	96Wmax	100Wmax	150Wmax	300Wmax
	Output Current	1.25A	2.5A	4.0A	4.17A	6.25A	12.5A
	Output Voltage	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC
	Length (A)	6.50"	7.40"	8.66"	8.66"	10.24"	10.95"
	Width (B)	3.73"	3.73"	3.73"	3.73"	4.13"	4.33"
	Height (C)	1.58"	1.58"	1.58"	1.58"	1.77"	1.77"
	Net. Weight	2.1 lbs	2.4 lbs	2.8 lbs	2.8 lbs	4.2 lbs	4.8 lbs
	Ambient Temperature	-22 - 140°F	-22 - 140°F	-22 - 140°F	-22 - 140°F	-22 - 140°F	-22 - 140°F

General Wiring Diagram

TRIAC dimming



0-10/1-10V dimming



Model/SKU

MODEL/SKU	OUTPUT	POWER	SERIES
PWR	G24	030	66-U-D-J
	24 - 24 VDC	30 W 60W 80 W 96W 100W 120W 150W 180W 200W 288W 300W 384W	

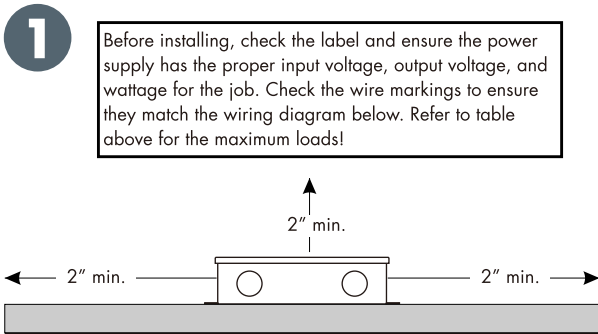
Compatibility

View a complete list of compatible dimmers here ([Link](#))

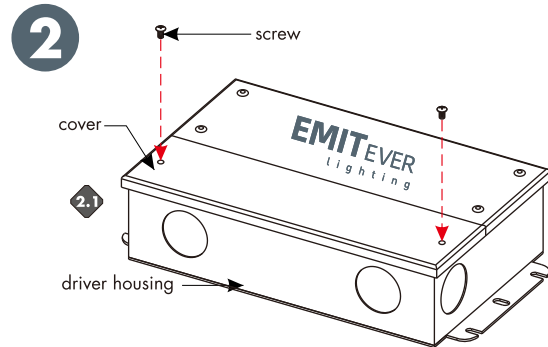
! READ BEFORE INSTALLATION RISK OF SHOCK

- If direct wiring to a 120 volt circuit with an ac dimmer **turn off** power at circuit breaker before installing.
- Always connect (+) to positive and (-) to negative. Make sure positive never touches negative while powered.
- Allow ventilation, **do not install** in an airtight compartment. Cooler surrounding air temperatures extend driver life.
- Operate only within temperature range of 4°F (-20°C) to 104°F(40°C).
- Wiring must be in accordance with national & local electrical codes - low-voltage **Class 2** circuit.
- Mount the driver **flat to the surface** to provide heat transfer for better cooling.
- It is normal for driver to feel warm to the touch, especially when under a full wattage load.
- For wire runs inside walls, use certified **CL2 or better** cabling and appropriate mounting hardware.
- **Never connect 2 LED drivers** to a single run of LED strips.
- Total wattage of LED fixtures connected to driver must **not exceed wattage rating** of this unit.

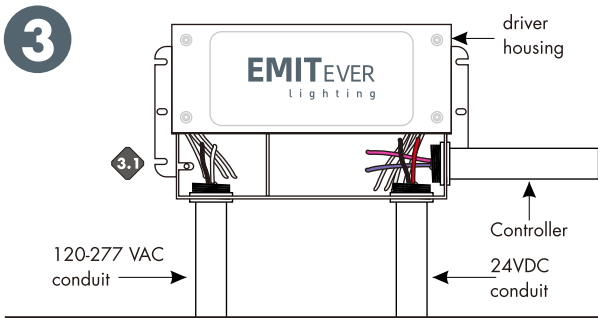
If you don't know the wattage rating of your lighting, ask the manufacturer of your lighting.



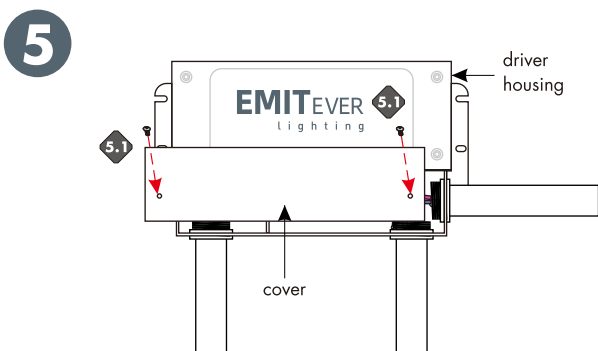
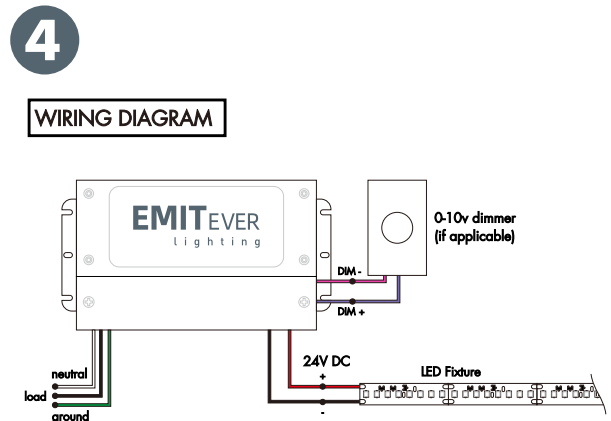
1.1 Power supply can be mounted vertically or horizontally. With a minimum of 2" clearance around power supply to provide proper air circulation.



2.1 Remove the two Phillips screws from the top of the driver housing and pull the cover off to expose the driver wires.



3.1 Insert the 120-277 VAC power into the driver housing from the electrical panel. Followed by bringing the 24V DC low voltage wires from the LEDs into the driver housing. In addition bring the controller wire if applicable. Refer to diagram on page 2 to make all the proper wiring connections.



5.1 Insert the wire nut connections in the driver housing and close housing cover. Secure by tightening the two screws.