12 V LED Transformers – 20 W to 200 W

Turn the power off before any wiring. A licensed electrician is recommended for the whole job, and hard-wiring a transformer to 240 V must be done by a licensed electrician (AS/NZS 3000).

IN THE BOX

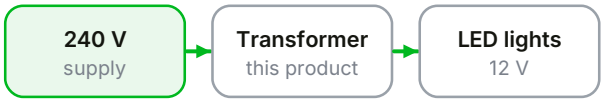
- 1 × 12 V LED transformer (power size you ordered)

YOU WILL NEED

- Small flat screwdriver
- Wire strippers
- Screws or cable ties for mounting
- Multimeter (optional)

BEFORE YOU START

- Add up the watts of your lights (W per metre × metres) and keep the load under 80% of the transformer rating. Example: 5 m of 10 W/m strip = 50 W, so pick the 75 W.
- Check the strip and controller are 12 V.
- Pick IP65 or IP67 for outdoor or damp places; IP20 models are indoor only.



Keep the load under 80% of the transformer rating

Licensed electrician recommended
Any 240 V wiring: electrician only

STEP BY STEP

1. Make sure the 240 V supply is off or unplugged.
2. Mount the transformer in a ventilated spot close to the strip. IP20 models must be in a dry, indoor place.
3. Connect the + output (red wire or +V terminal) to the strip or controller V+.
4. Connect the – output (black wire or –V terminal) to the strip or controller V–.
5. Plug-in model: plug into a power point. Hard-wired model: a licensed electrician connects active (brown), neutral (blue) and earth (green/yellow, where fitted).
6. Turn the power on and check the lights work.

SETTINGS & USE

- To dim, fit a 12 V LED controller or dimmer between the transformer and the strip.
- Outdoors (IP65/IP67 models): make every join in a sealed, waterproof junction box.

DO NOT

- Don't overload – keep the load under 80% of the transformer rating.
- Don't use IP20 models outdoors or in damp places.
- Don't cover the transformer or seal it in insulation – it needs air to cool.
- Don't connect or disconnect the strip while power is on.

CARE & TROUBLESHOOTING

- Keep it clean, dry and ventilated.
- Lights off or flashing? Turn power off, check for a short circuit or overload, then turn back on.
- Still not working? Contact Greenhse – don't open the case.

Installation: Greenhse recommends that every product is installed by a licensed electrician to AS/NZS 3000 and local rules. Any work on 240 V wiring must be done by a licensed electrician. Incorrect installation can be unsafe and may void the warranty.
Warranty: 2 years. Keep your invoice and the electrician's certificate of compliance. Questions? Call (08) 9297 2969 or visit greenhse.com.