



PREMIUM **Digital** **600W** **Ballast**

USER GUIDE

IMPORTANT: Directions for use, please read in full

Model : Green Grow Lab Premium Digital Ballast HPS/MH-600
250W/400W/600W/Super Lumens 660W

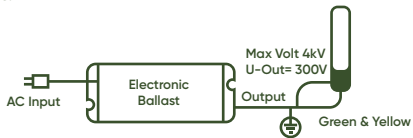


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WIRE CONNECTION

To ensure a reliable connection between the Green Grow Lab 600W Premium Digital Ballast and Green Grow Lab Grow Lamp, follow the diagram provided and take careful note of the following guidelines:



Note:

Use cables capable of bearing voltage greater than 600V and compliant with installed regulations. The cable length should not exceed 15 meters.

FEATURES

- Fully dimmable digital ballast
- Four output settings:
 - 250W
 - 400W
 - 600W
 - Super Lumen 660W
- Lightweight and silent operation
- Soft start technology
- Compatible with High-Pressure Sodium (HPS) or Metal Halide (MH) lamps
- Equipped with wall mounting brackets on both ends of the unit

OPERATING INSTRUCTIONS

1. Mount the Green Grow Lab 600W Premium Digital Ballast on a sturdy, non-flammable surface with proper ventilation. Unit dissipates heat through its casing. Do not cover the unit, and ensure it is positioned to never come into contact with any water. Keep the reflector and power cables clear of trip hazards.
2. The Green Grow Lab 600W Premium Digital Ballast allows you to select a lamp and run it at the desired wattage, reduce the wattage of the lamp in use, or increase the output of the highest wattage lamp using the Super Lumen 660W setting.

3. **IMPORTANT:** Verify that the output setting on the Green Grow Lab 600W Premium Digital Ballast matches or is set below the rated wattage of the lamp in use.
4. Insert the reflector cable IEC into the output IEC connector on the Green Grow Lab 600W Premium Digital Ballast.
5. Insert the power cable IEC into the output IEC socket on the Green Grow Lab 600W Premium Digital Ballast.
6. Ensure both cables are firmly connected.
7. Switch on at mains.

SAFETY GUIDELINES

- The Green Grow Lab 600W Premium Digital Ballast is suitable for use in a dry environment only and should not be used in areas of high humidity.
- The maximum ambient temperature for operation is 40°C. Excessive temperatures can cause the thermal cut-out to activate. If possible, mount the unit outside the growing area.
- Always use the Green Grow Lab 600W Premium Digital Ballast in conjunction with a RCD earth leakage circuit breaker. It is a mandatory requirement that the power points are protected by an appropriate fuse or circuit breaker. Do not overload power points or timer switches.
- The Green Grow Lab 600W Premium Digital Ballast features internal thermal protection to prevent damage from overheating. If the protection activates, power will be cut to the unit. If this happens, please disconnect the Green Grow Lab 600W Premium Digital Ballast from the mains, let it cool, and then reconnect the power for correct functioning.
- The unit operates at 220V-240V AC. In areas with voltage fluctuations higher than 10% of the mains voltage, lamp power may vary by up to 20%, which can result in the unit becoming too hot and activating the thermal cut-out. If this occurs, disconnect the unit from the mains supply and allow to cool. Once fully cooled, the power can be reconnected. A competent electrician should check the supply voltage.
- Any alterations to the unit's components, connections or cables will be classified as modification and invalidates any warranty supplied with the unit. If uncertain, consult a qualified electrician.

TROUBLESHOOTING

In the unlikely event that you encounter an issue with the Green Grow Lab 600W Premium Digital Ballast, follow these corrective steps:

1. Switch off the mains and remove the plug from the socket.
2. Check that both the input and output IEC connections on the Green Grow Lab 600W Premium Digital Ballast are firmly inserted and secure.
3. Ensure that the cables show no signs of damage.
4. Replace the lamp in the reflector with a new one.
5. Verify that the electrical supply is functioning correctly by using another appliance.
6. If the Green Grow Lab 600W Premium Digital Ballast still fails to operate correctly, return it to the retailer with proof of purchase for warranty repair or replacement.

SAFETY

- Follow all guidelines carefully, read instructions in full before use.
- Keep the unit away from water.
- Ensure your hands are dry before handling.
- This product is designed for indoor use only. Do not use outdoors.
- Keep away from children.
- Always switch off the power at the mains before connecting/ disconnecting cables or inserting/removing lamps from the reflector.
- Allow the lamp to cool down before handling.
- Do not attempt to open the Green Grow Lab 600W Premium Digital Ballast, as there are no user-serviceable parts, and this will invalidate the warranty.

ABOUT US

We are a privately owned New Zealand based company made up of self proclaimed "plant geeks" (some of which also happen to be globally acclaimed growing experts!). We've got practical growing experience and plenty of expertise which enables us to do what we love - produce premium products to delight professional growers and home gardeners alike!

Improve your growing with Green Grow Labs range of premium nutrients, growing mediums, lighting and equipment.

Learn more at:
greengrowlab.com

Happy Growing! Love from The GreenGrow Team x

