

[Manuals.plus](#) /

> [Gamalta](#) /

> LED Power Adapter for Aquarium Fish Tank Light (US Plug) (YG-HD-1500-AP)

Gamalta

LED Power Adapter Instruction Manual

Model: YG-HD-1500-AP

PRODUCT OVERVIEW

This power adapter is designed to provide stable and reliable power to compatible LED aquarium fish tank lights. It converts standard AC household current to the required DC voltage for your lighting system.



Image: The Gamalta LED Power Adapter, featuring a black rectangular body with a US 2-prong plug on one end and a DC output cable with a barrel jack on the other. The adapter's label displays input/output specifications and safety symbols.

SAFETY INFORMATION

- Ensure the adapter is used in a dry environment. Avoid exposure to water or high humidity.
- Verify that the input voltage of the adapter (100-240VAC) matches your local power supply.
- Confirm that the output specifications (DC20V, 1.2A) are compatible with your LED aquarium light. Using an incompatible adapter may damage your device.
- Do not attempt to open or modify the adapter. There are no user-serviceable parts inside.
- Keep out of reach of children and pets.
- Unplug the adapter from the power outlet before cleaning or if it will not be used for an extended period.

SETUP INSTRUCTIONS

1. **Unpack the Adapter:** Carefully remove the power adapter from its packaging. Inspect it for any visible damage.
2. **Check Compatibility:** Before connecting, ensure your LED aquarium light requires a DC20V, 1.2A power input and has a compatible barrel jack connector.
3. **Connect to LED Light:** Insert the DC output barrel jack of the power adapter firmly into the corresponding power input port on your LED aquarium light.
4. **Connect to Power Outlet:** Plug the US 2-prong plug of the power adapter into a standard 100-240VAC 50/60Hz wall outlet.
5. **Verify Operation:** Once connected, your LED aquarium light should power on, assuming it has no other issues.

OPERATING INSTRUCTIONS

The LED Power Adapter operates automatically once connected to a power source and a compatible device. It functions as a constant power supply for your LED aquarium light.

- There are no user controls on the adapter itself.
- To turn off the connected LED light, either unplug the adapter from the wall outlet or use the power switch on the LED light itself, if available.
- The adapter is designed for continuous operation within its specified limits.

MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and the LED light. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the adapter's casing and cables for any signs of damage, fraying, or unusual wear. If damage is observed, discontinue use immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
LED light does not turn on.	<ul style="list-style-type: none"> • Adapter not plugged in. • Wall outlet has no power. • Loose connection to LED light. • Incompatible LED light. • Faulty adapter or LED light. 	<ul style="list-style-type: none"> • Ensure adapter is fully plugged into a live outlet. • Test the outlet with another device. • Securely connect the adapter to the LED light. • Verify LED light's power requirements match adapter's output. • Test with a known working adapter/light if possible.
LED light flickers or dims.	<ul style="list-style-type: none"> • Loose connection. • Overloaded adapter (light draws too much current). • Faulty adapter. 	<ul style="list-style-type: none"> • Check and secure all connections. • Ensure LED light's current draw is within 1.2A. • Replace adapter if problem persists.
Adapter feels excessively hot.	<ul style="list-style-type: none"> • Overloaded (light draws too much current). • Poor ventilation. • Internal fault. 	<ul style="list-style-type: none"> • Immediately unplug. Verify LED light's current draw. • Ensure adapter is in an open area, not covered. • Discontinue use and replace if overheating persists.

SPECIFICATIONS

Feature	Detail
Model Number	YG-HD Power Adapter (also known as YG-HD-1500-AP)
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	DC20V
Output Current	1.2A
Wattage	24 Watts (derived from 20V * 1.2A)
Connector Type	US 2-prong plug (input), Barrel Jack (output)
Color	Black
Material	Plastic
Item Weight	Approximately 8 ounces
Country of Origin	China

WARRANTY AND SUPPORT

This Gamalta LED Power Adapter is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or the seller's policy for specific

warranty duration and terms.

For technical support, troubleshooting assistance, or warranty claims, please contact the seller or manufacturer through the platform where the product was purchased. Provide your order number and a detailed description of the issue to facilitate a quicker resolution.