

## hygger 20V 2.4A Power Adapter

# hygger 20V 2.4A Power Adapter Plug Aquarium Light Switching Power Supply User Manual

## 1. INTRODUCTION

This manual provides instructions for the safe and effective use of your hygger 20V 2.4A Power Adapter Plug. This power supply is designed to provide stable power to compatible hygger aquarium lights and other electronic devices requiring a 20V 2.4A (or less) DC power input with a 2.1\*5.5mm barrel connector.

## 2. SAFETY INSTRUCTIONS

- **Read all instructions:** Before using the power adapter, carefully read and understand all instructions provided in this manual.
- **Indoor use only:** This power adapter is designed for indoor use in dry locations. Do not expose it to water or high humidity.
- **Proper voltage:** Ensure the input voltage of the power adapter (100-240V AC) matches your local power supply.
- **Correct device compatibility:** Only connect devices that require 20V DC and a maximum of 2.4A. Ensure the DC cord connector size is 2.1\*5.5mm. Connecting incompatible devices may cause damage.
- **Avoid damage:** Do not bend, twist, or pull the power cord excessively. Avoid placing heavy objects on the cord.
- **Unplug when not in use:** Disconnect the power adapter from the wall outlet when not in use or during cleaning.
- **Do not disassemble:** Do not attempt to open or repair the power adapter. Refer all servicing to qualified personnel.
- **Keep away from children:** Store the power adapter out of reach of children.

## 3. PACKAGE CONTENTS

- 1 x hygger 20V 2.4A Power Adapter Plug

## 4. SPECIFICATIONS

Specification	Value
Input Voltage	100-240V AC, 50/60Hz, 1.5A
Output Voltage	20V DC
Output Current	2.4A
Maximum Power	48W
DC Jack Dimension	2.1*5.5 mm
Cord Length	1.5 meters (4.92 ft)
Color	Black
Item Weight	6.7 ounces



This image displays the hygger 20V 2.4A Power Adapter. It features a black rectangular power brick with a standard two-prong US plug on one end and an attached cable terminating in a DC barrel connector on the other. The cable is neatly coiled.

## 5. COMPATIBILITY

This 20V 2.4A power adapter is compatible with a wide range of hygger aquarium lights and other electronic devices that require a 20V DC input with a current draw of 2.4A or less, and a 2.1\*5.5mm DC barrel connector.

**Compatible hygger light models include:**

- HG990, HG978, HG999, HG018, HG075, HG005, HG135, HG076, HG128, HG178
- HG129 (20W, 26W, 36W, 48W models)
- HG016 (18W, 24W, 30W, 36W, 42W models)
- HG957 (26W, 36W, 48W models)

It also supports devices requiring lower amperage such as 20V 1500mA, 2400mA, 2000mA, 1000mA, 600mA, 20V 2A, 1A, 0.9A, 0.8A, 0.7A, 0.6A, 0.5A, 0.4A, 0.3A, 0.2A, provided the voltage and connector size match.



This image shows three different hygger power adapters side-by-side for comparison. From left to right, they are labeled for '36"-55" light 20V 3A', '24"-36" light 20V 2A', and '12"-24" light 15V 1.5A'. Each adapter has a different physical size and output specification, highlighting the variety available for different hygger aquarium lights.

## 6. SETUP AND INSTALLATION

1. **Verify Compatibility:** Before connecting, ensure your device requires a 20V DC input, draws 2.4A or less, and has a 2.1\*5.5mm DC barrel input port.
2. **Connect to Device:** Insert the DC barrel connector of the power adapter firmly into the power input port of your hygger aquarium light or other compatible device.
3. **Plug into Outlet:** Insert the two-prong plug of the power adapter into a standard 100-240V AC wall outlet.
4. **Power On:** Once connected, your device should receive power. Follow your device's specific instructions to power it on or operate it.



This image features a black hygger aquarium LED light bar, designed to sit across the top of an aquarium. The light bar is connected via its cable to the black hygger power adapter, which is shown next to it with its cable coiled. This illustrates how the power adapter connects to the aquarium light.

## 7. OPERATING INSTRUCTIONS

The hygger 20V 2.4A Power Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 20V DC output. There are no user-adjustable settings on the

adapter itself. Operation of your connected device (e.g., turning on/off, adjusting light settings) will be controlled by the device's own interface or remote control.

## 8. MAINTENANCE

- **Cleaning:** Disconnect the power adapter from the wall outlet before cleaning. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or immerse the adapter in water.
- **Storage:** When not in use, store the power adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the power cord and adapter housing for any signs of damage, such as cuts, fraying, or cracks. If damage is found, discontinue use and replace the adapter.







## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on	Power adapter not plugged in correctly Wall outlet not functioning Device not compatible Faulty power adapter or device	Ensure adapter is fully plugged into wall and device. Test the wall outlet with another appliance. Verify device specifications match adapter output. Try a different compatible power adapter or test the device with its original adapter if available.
Intermittent power to device	Loose connection Damaged cable or adapter	Check all connections for tightness. Inspect cable for visible damage. If damaged, replace the adapter.
Adapter feels hot	Normal operation (slight warmth) Overload or ventilation issue	A slight warmth is normal. If it's excessively hot, unplug immediately. Ensure the adapter is not covered and has adequate ventilation. Verify the connected device does not exceed the adapter's 2.4A current limit.

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the original product packaging or contact hygger customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

## Related Documents - 20V 2.4A Power Adapter

 <p>Hygger® HG-957 USER MANUAL HYGGER 24/7 AUTO ON &amp; OFF LED AQUARIUM LIGHT</p>	<p><a href="#">Hygger HG-957 Aquarium LED Light User Manual - Setup and Operation Guide</a></p> <p>This user manual provides comprehensive instructions for the Hygger HG-957 Aquarium Extendable LED Light. It covers product features, detailed specifications for various models, essential safety precautions, and guides for operating in Standard, Manual, and customizable DIY modes to optimize aquarium lighting.</p>
 <p>Hygger® HG-957 USER MANUAL HYGGER 24/7 AUTO ON &amp; OFF LED AQUARIUM LIGHT</p>	<p><a href="#">Hygger HG-957 Aquarium Extendable LED Light User Manual</a></p> <p>Comprehensive user manual for the Hygger HG-957 Aquarium Extendable LED Light, detailing features, specifications, safety instructions, and operating modes (Standard, Manual, DIY).</p>
 <p>Hygger® HG-999 USER MANUAL HYGGER 24/7 AUTO ON &amp; OFF LED AQUARIUM LIGHT</p>	<p><a href="#">Hygger HG-999 LED Aquarium Light User Manual</a></p> <p>User manual for the Hygger HG-999 24/7 Auto On &amp; Off LED Aquarium Light, detailing product features, technical parameters, important safety instructions, setup procedures for Standard, Day, Night, and DIY modes, installation guidelines, troubleshooting tips, package contents, and disposal information.</p>
 <p>Hygger® HG-990 USER MANUAL HYGGER 24/7 AUTO ON &amp; OFF LED AQUARIUM LIGHT</p>	<p><a href="#">Hygger HG-990 Planted + 24/7 Aquarium Clip-On Light User Manual</a></p> <p>User manual for the Hygger HG-990 Planted + 24/7 Aquarium Clip-On Light, detailing product features, specifications, application methods, safety precautions, and warranty information.</p>
 <p>Petnanny</p>	<p><a href="#">Hygger HG-990 Aquarium Clip-On Light User Manual</a></p> <p>User manual for the Hygger HG-990 Planted + 24/7 Aquarium Clip-On Light, detailing product features, parameters, application methods, safety precautions, warranty, and disposal.</p>
 <p>Hygger®</p>	<p><a href="#">Hygger HG-Y0014 Retractable Aquarium Light Bracket User Manual</a></p> <p>User manual for the Hygger HG-Y0014 Retractable Aquarium Light Bracket, covering product features, specifications, installation, maintenance, and warranty. Suitable for freshwater and saltwater aquariums.</p>