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## NFGEKT 6V 2A

# NFGEKT 6V 2A Power Supply Adapter User Manual

For ProForm Elliptical Smart Strider and Exercise Bikes

Brand: NFGEKT | Model: 6V 2A

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of your NFGEKT 6V 2A Power Supply Adapter. Please read these instructions carefully before use and retain them for future reference. This adapter is designed to provide a stable 6V DC power source for compatible fitness equipment.

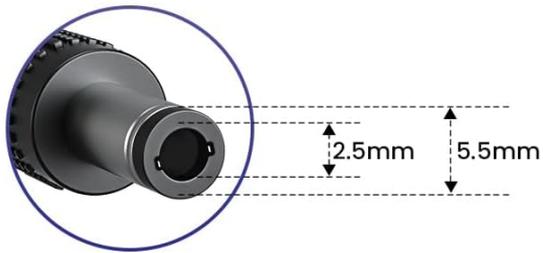
## 2. PRODUCT SPECIFICATIONS AND FEATURES

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- **Input:** AC 100-240V ~50/60Hz 0.5A Max
- **Output:** DC 6V 2000mA
- **Cord Length:** 9.8 ft (3 meters)
- **Connector Size:** 5.5mm x 2.5mm (compatible with 5.5mm x 2.1mm plug size)
- **Polarity:** Center Positive (+)
- **Safety Features:** Short Circuit Protection, Overload Protection, Over Voltage Protection, Over Current Protection, Over Charge Protection, Temperature Protection.
- **Material:** Flame Retardant Material
- **Certifications:** FCC, CE, RoHS
- **Product Dimensions:** 2.55 x 1 x 1.88 inches
- **Item Weight:** 3.7 ounces

# Note:DC Plug Polarity

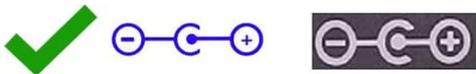
Please check the polarity of the power plug you have used.



5.5 \*2.5 DC Plug/Fit with  
5.5 \*2.1 interface also



Fit:Center Positive Polarity  
Center Positive(+), Outside Negative(-)



Not Fit:Center Negative Polarity  
Center Negative(-),Outside Positive(+)

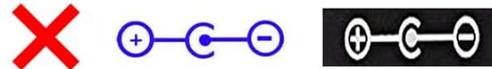
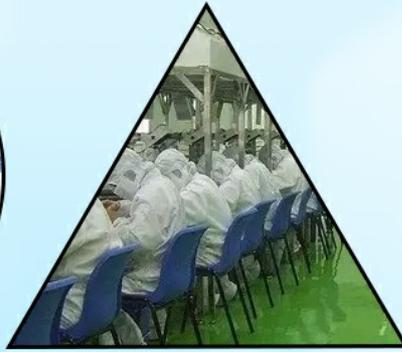


Image 2.1: Overview of the NFGKKT 6V 2A Power Supply Adapter.

# 3 important links and advantages



**Safe**



**Stable**



**Durable**

Image 2.2: Detailed view of the 6V DC power supply, highlighting its specifications and certifications.

## Our products look forward to meeting you



**7\*24 Hours**



**12 Months**



**Lifetime**

We have a service attitude of wholeheartedly serving you



Image 2.3: The adapter features a multi-protection design for enhanced safety, including temperature, over current, over voltage, over load, short circuit, and over charge protection.

### 3. COMPATIBILITY

This 6V 2A power supply adapter is compatible with a wide range of fitness equipment, including various models of ProForm Elliptical Smart Striders, Exercise Bikes, and Treadmills, as well as Gold's Gym Powerspin models. Please verify your device's power requirements and connector specifications before use.

**Compatible ProForm Models:**

- **Elliptical Smart Strider:** 480, 490, 500, 600 LE, 390, 395, 475, 510 E, 510EX, 400, 700, 585 Cse, 600 Zne, 780 CSE, 895 ZLE, Ze3, Ze5, 6.0 Ze, 10.0 Ze, Zx2, Zr3, Xp 185u, Xp 400r, 405 CE, 465 RE, 980, 990 CSE, 850, 1050 STS Crosstrainer, 970 XP, 420, 440 Razor Elliptical.
- **Exercise Cycle Indoor Bike:** 290 SPX, 490 SPX, 590 SPX, 150i, 235, 280, 380, 480 CSX, 300 CR, 450UR & 5.0R, 390E, 590E, 380F, 785F, 800, 400, 490 LE, 290 CSR & 10.8X, 295, 390, 410, 450, 480, 585, 780, 249159, 10.0ze, 20.0, 200, 280 CSX Re, 310 Cx E, 380 F, 5.0 R, 500, 580 Cs, 650T.
- **Recumbent Bike:** 110R, 315 CSX, XP 440.
- **Upright Bike:** 215 CSX, XP 210, XP Whirlwind 280.
- **Treadmill:** 570 Crosswalk, 505 CST, 790 T, 9.0 Competitor, Crosswalk 395, 397, Performance 1450, 6.0 ZT PFTL39509, 1080, 690, 995, 680, Pro 2000, Pro 2500, Pro 4500.

### Compatible Gold's Gym Models:

- **Powerspin:** 210u, 230, 230r, 290, 290u, 300u, 385 CSX, 385csx, 390r, 490, 590r.

### Other Compatible Models:

- Transformer Icon 248512.

# 9.8FT/3M Long Enough Power Cable

6V 2A



ProForm Elliptical LE series



ProForm Elliptical E series



ProForm Elliptical series

Image 3.1: The 9.8ft long power cable and adapter shown alongside various compatible ProForm Elliptical models (LE

## 4. SETUP AND INSTALLATION

1. **Verify Device Requirements:** Before connecting, ensure your device requires a 6V DC power input and has a compatible 5.5mm x 2.5mm (or 5.5mm x 2.1mm) barrel connector with center positive polarity.
2. **Check Polarity:** The NFGEKT 6V 2A adapter features a center positive (+) polarity. It is crucial to match this with your device's required polarity to prevent damage.



Image 4.1: Diagram illustrating the correct DC plug polarity (Center Positive) and incompatible polarity (Center Negative).

3. **Connect to Device:** Insert the barrel connector of the adapter firmly into the power input port of your fitness equipment.
4. **Plug into Outlet:** Plug the AC adapter into a standard AC 100-240V wall outlet.
5. **Power On:** Once connected, your device should receive power.

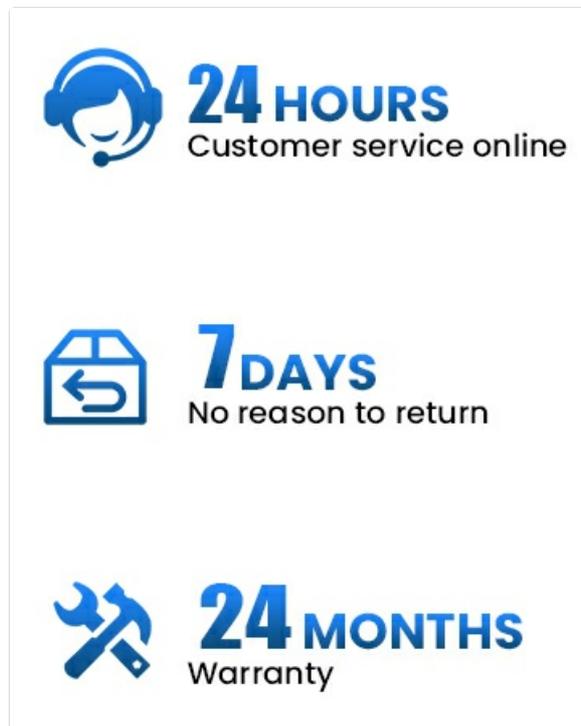


Image 4.2: The NFGEKT 6V 2A power supply adapter held in hand, demonstrating its compact size and the charger interface.

Your browser does not support the video tag.

Video 4.1: This video demonstrates the physical appearance and connection points of the 6V 2A adapter, showing the barrel connector and the wall plug.

## 5. OPERATING INSTRUCTIONS

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The NFGEKT 6V 2A Power Supply Adapter is designed for simple plug-and-play operation. Once correctly connected to your compatible device and a power outlet, it will provide continuous power. No additional controls or settings are required on the adapter itself.

## 6. SAFETY INFORMATION

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- Ensure the adapter's specifications (voltage, amperage, polarity, connector size) match your device's requirements. Incorrect usage can damage your device.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or modify the adapter.
- Keep out of reach of children.
- Unplug the adapter from the wall outlet when not in use for extended periods.
- The adapter is equipped with multiple protection features including Short Circuit Protection, Overload Protection, Over Voltage Protection, Over Current Protection, Over Charge Protection, and Temperature Protection to safeguard your device and the adapter itself.
- Constructed with flame retardant material for enhanced safety.

## MULTI PROTECTION DESIGN



Temperature Protection



Over Current Protection



Over Voltage Protection



Over Load Protection



Short Circuit Protection



Over Charge Protection



Image 6.1: The adapter's multi-protection design, including temperature, over current, over voltage, over load, short circuit, and over charge protection.

## 7. MAINTENANCE

- Clean the adapter with a dry, soft cloth. Do not use liquid cleaners.
- Inspect the cord and connector periodically for any signs of damage. If damaged, discontinue use and replace the adapter.
- Store the adapter in a cool, dry place when not in use.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on.	<ul style="list-style-type: none"> <li>◦ Adapter not fully plugged in.</li> <li>◦ Wall outlet not functioning.</li> <li>◦ Incorrect adapter specifications (voltage, amperage, polarity).</li> <li>◦ Device power input port is faulty.</li> <li>◦ Adapter is faulty.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure adapter is securely plugged into both the device and the wall outlet.</li> <li>◦ Test the wall outlet with another working appliance.</li> <li>◦ Verify the adapter's specifications match your device's requirements (6V DC, 2A, Center Positive, 5.5x2.5mm connector).</li> <li>◦ Try the adapter with another compatible device if available.</li> <li>◦ If issues persist, contact customer support.</li> </ul>
Adapter feels hot during use.	<ul style="list-style-type: none"> <li>◦ Normal operation (slight warmth).</li> <li>◦ Overload or short circuit.</li> </ul>	<ul style="list-style-type: none"> <li>◦ A slight warmth is normal.</li> <li>◦ If it's excessively hot, unplug immediately. Check for short circuits in the device or ensure the device's power requirements do not exceed the adapter's output.</li> </ul>

## 9. WARRANTY AND SUPPORT

Your NFGEKT 6V 2A Power Supply Adapter comes with a comprehensive warranty and support:

- **Refund Policy:** 30 Days Refund
- **Exchange Policy:** 24 Months Exchange
- **Warranty:** 24 Months Warranty

If you have any questions or encounter issues with your product, please do not hesitate to contact NFGEKT customer support. We are committed to providing a safe and efficient charging experience.