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> TECKNET USB C Fast Charger Block 65W PD 3.0 GaN Wall Charger Instruction Manual

TECKNET TK-PC016

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Model: TK-PC016 | Brand: TECKNET

1. INTRODUCTION

Thank you for choosing the TECKNET USB C Fast Charger Block 65W PD 3.0 GaN Wall Charger. This manual provides essential information for the safe and efficient use of your new charger. Please read it thoroughly before use and keep it for future reference.



Figure 1: TECKNET 65W 3-Port GaN Wall Charger

2. PRODUCT OVERVIEW

The TECKNET 65W PD 3.0 GaN Wall Charger is a versatile and compact charging solution designed to power multiple devices simultaneously. Featuring advanced Gallium Nitride (GaN) technology, it offers high power output in a smaller, more efficient form factor compared to traditional chargers. Its foldable plug design enhances portability, making it ideal for both home and travel use.

Figure 2: Compact size of the TECKNET 65W GaN Charger

3. KEY FEATURES

- **3 Ports Outputs Fast Charger:** This USB C wall charger includes 3 ports (2 USB-C PD, 1 USB-A) that will fast charge your devices. The 3 ports can be used simultaneously.
- **65W PD 3.0:** This charging block can deliver a quick charge with up to 65W for your mobile devices, including a wide range of laptops (no more than 65W), tablets, smartphones, and more.
- **GaN Chip Technology:** Equipped with GaN technology, the charger reduces size and weight, generates less heat, and effectively reduces power consumption, improving charging efficiency considerably.
- **Safe & Reliable:** Built-in safeguards protect your devices against excessive current, overheating, and overcharging. The ABS+PC shell ensures a sturdy design for long lifespan.
- **Wide Compatibility:** Compatible with a broad range of electronic devices including iPhone 16 Pro Max/16 Plus/16 Pro/16/15/14/13, MagSafe, iPad Pro, Galaxy Z Flip6/S24/S23/S22/S21/S20/Note 20/Note 20 Ultra/Note 10+, Google Pixel 9/8/7/Switch, and more. (USB-C CABLE NOT INCLUDED)
- **Foldable Travel Adapter:** Features a foldable plug for enhanced portability and convenience during business travel.

4. SETUP

Setting up your TECKNET 65W GaN Wall Charger is straightforward. Simply unfold the prongs and plug the charger into a standard wall outlet. Ensure the outlet is easily accessible and provides stable power.

Business Travel, One is Enough

Adopts Folding Plug



Figure 3: Foldable plug for easy travel

Once plugged in, you can connect your devices using appropriate USB-C or USB-A cables (not included). The charger is designed to automatically detect and deliver the optimal power output for each connected device.

5. OPERATING INSTRUCTIONS

The TECKNET 65W GaN Wall Charger features intelligent power distribution across its three ports. The charger dynamically allocates power based on the connected devices' needs.

Single Port Charging:

- When only one device is connected to either PD1 or PD2 (USB-C ports), it can receive up to 65W of power.
- When only one device is connected to the USB-A port, it can receive up to 30W of power.

Full Speed Charging Technology

65W *Single port
Maximum output*

0.5H
60%
iPhone14

1H
60%
MacBook Pro 16

Figure 4: 65W Full Speed Charging for single devices

Multiple Port Charging:

When multiple devices are connected, the power is distributed as follows:

- **Two Ports:** PD1 (45W) + PD2 (18W) OR PD1 (45W) + USB-A (18W) OR PD2 + USB-A (18W Max).
- **Three Ports:** PD1 (45W) + (PD2 + USB-A) 18W.

Smart Current Management Function



Figure 5: Smart Current Management for optimal power distribution

Official Product Videos:

Your browser does not support the video tag. Please update your browser or try a different device.

Video 1: This video demonstrates the TECKNET USB C Charger's 65W super fast charging capabilities across various devices.

Your browser does not support the video tag. Please update your browser or try a different device.

Video 2: This video showcases the TECKNET 65W USB C Charger's features, including its compact design and multi-device charging.

6. MAINTENANCE

To ensure the longevity and optimal performance of your TECKNET charger, follow these maintenance guidelines:

- **Cleaning:** Disconnect the charger from the power outlet and all devices before cleaning. Use a soft, dry cloth to wipe the surface. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the charger in a cool, dry place away from direct sunlight and extreme temperatures. The foldable plug helps protect the prongs during storage and travel.
- **Safety:** Do not expose the charger to water, moisture, or high humidity. Avoid dropping or subjecting the charger to strong impacts. Do not attempt to disassemble or repair the charger yourself.

Built-in Safety Protection Chip

PC Refractory Material Enclosure Provides 8 layers of protection to PD charger for a more safety use



**Short-circuit
Protection**



**EMF
Protection**



**Over-current
Protection**



**Lightning
Protection**



**Overheating
Protection**



**Low-voltage
Protection**



**Refractory
Materials**



**Over-voltage
Protection**

Figure 6: Built-in Safety Protection Chip for enhanced device safety

7. TROUBLESHOOTING

If you encounter issues with your TECKNET charger, refer to the following common problems and solutions:

- **Device Not Charging:**
 - Ensure the charger is securely plugged into a working power outlet.
 - Verify that the charging cable is properly connected to both the charger and your device.

- Try a different charging cable or device to rule out cable or device issues.

- **Slow Charging:**

- Check if your device supports fast charging and if you are using a compatible cable.
- When charging multiple high-power devices (e.g., two laptops), the charger distributes power. This may result in slower charging for individual devices compared to single-device charging. For optimal speed, charge one high-power device at a time.
- Ensure the total power draw of all connected devices does not exceed the charger's maximum output (65W).

- **Intermittent Charging:**

- This can sometimes occur if the charger is overloaded or if there's an issue with the cable or device. Try disconnecting and reconnecting all devices and cables.
- If the issue persists, especially with specific ports, it may indicate a fault with the charger. Please refer to the Warranty and Support section.

8. SPECIFICATIONS

| Feature | Detail |
|--------------------|---|
| Model Number | TK-PC016 |
| Output Ports | 2 x USB Type-C (PD), 1 x USB Type-A |
| Max Power Output | 65W (Total) |
| Technology | GaN (Gallium Nitride) |
| Input Voltage | 100-240V |
| Dimensions | 2.44 x 2.28 x 1.46 inches |
| Item Weight | 3.88 ounces |
| Special Features | Lightweight Design, Travel, Magsafe Compatible, Fast Charging, Foldable Plug |
| Compatible Devices | Headphones, PC, Laptops, Cameras, Cellular Phones (various models listed in features) |

Wide Compatibility

Mobile Phone Series



iPhone 15
and later



Galaxy S23/Z
Fold4 and later



Google Pixel7
and later



Sony Xperia
1 V and later

Computer



iPad Pro2022
and later



MacBook Air



ThinkPad
E15/X13



Microsoft Surface
Laptop5



Google
Pixelbook

Other



AirPods/pro



Nintendo Switch



Figure 7: Wide compatibility with various electronic devices

9. WARRANTY AND SUPPORT

TECKNET offers **36 MONTHS SUPPORT** for this product. If you encounter any problems in using the USB C block, please feel free to contact our professional customer service team. (Registration may be required for full support benefits).

The product package includes the User Manual and the PowerPort III 3-Port 65W Pod.

For further assistance, please visit the official TECKNET website or contact their customer support directly.