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DiHines US052100-2U

DiHines 25W USB Type C Fast Charger Instruction Manual

Model: US052100-2U

1. PRODUCT OVERVIEW

The DiHines 25W USB Type C Fast Charger is designed to provide rapid and efficient charging for a wide range of USB-C compatible devices, including Samsung Galaxy smartphones and tablets. This kit includes a 25W Power Delivery (PD) 3.0 wall charger block and a durable 10-foot (3-meter) USB-C to USB-C cable, enabling both fast charging and high-speed data transfer.



Figure 1: DiHines 25W USB Type C Fast Charger and 10ft USB-C to USB-C Cable.

2. KEY FEATURES

- **25W Power Delivery 3.0:** Provides a maximum output of 25W, capable of charging compatible devices from 0% to 100% in approximately 60 minutes.
- **Extended 10-Foot USB-C Cable:** The included 3-meter (10-foot) USB-C to USB-C cable offers extended reach for convenient charging and usage.
- **High-Speed Data Transfer:** Supports data transfer speeds up to 480Mbps, allowing for quick synchronization of files.
- **Multi-Protection System:** Built-in safeguards protect against short circuits, over-current, over-voltage, over-heating, and over-charging.



Real-time Charging Multiple Protection System

Figure 2: Internal view of the charger block, highlighting the multi-protection system for safe charging.

3. COMPATIBILITY

This charger is broadly compatible with most USB-C enabled devices, optimized for Samsung Galaxy models supporting Super Fast Charging.

Compatible Devices Include:

- **Samsung Galaxy Smartphones:** S25, S25 Ultra, S25+, S24, S24 Ultra, S24 Plus, S23, S23 Ultra, S23+, S22, S22+, S22 Ultra, S21, S21+, S21 Ultra, S21 FE, S20, S20+, S20 Ultra, S20 FE, S10, S10+, S10e, S9, S9+, S9 Active, S8, S8+, S8 Active, Note 20, Note 20 Ultra, Note 10, Note 10+, Note 9, Note 8, Galaxy Z Fold 3, Galaxy Z Flip 3.
- **Samsung Galaxy Tablets:** Tab S8, Tab S7, Tab S6, Tab S5e, Tab A8.
- **Other USB-C Devices:** Google Pixel series, and various laptops with USB-C charging ports (e.g., ThinkPad X390, Google PixelBook, HP Spectre Folio).

Universal Compatibility

For Samsung Phones:



S25 Ultra
/S25/S25+



S24 Ultra
/S24/S24+



S23 Ultra
/S23/S23+



S22 Ultra
/S22/S22+



S21/S21 Ultra
S21plus 5G



Note 10+5G

For Samsung Tablets:



Galaxy Tab
S7/S7+



Galaxy Tab
A8/A8 LTE



Galaxy Tab
A7/A7 LTE

For Other Devices:



ThinkPad X390



Google PixelBook



HP Spectre Folio



Figure 3: Universal Compatibility with various devices.

4. SETUP AND OPERATION

4.1. Package Contents

- 1 x DiHines 25W PD USB Type C Super Fast Charger Block
- 1 x 10-foot (3-meter) USB-C to USB-C Charging Cable

4.2. Connecting the Charger

1. Insert the USB-C end of the charging cable into the USB-C port on the charger block.
2. Plug the charger block into a standard wall outlet.
3. Connect the other USB-C end of the cable to your compatible device's charging port.

4.3. Charging Your Device

Once connected, your device should begin charging automatically. For devices that support Power Delivery (PD) 3.0, the charger will deliver up to 25W for super-fast charging. Charging speed may vary based on device battery level, device usage during charging, and environmental factors.

25W Super Fast Charger

Supports Samsung Super Fast Charging



Figure 4: Device charging with 25W Super Fast Charger.

10FT Long USB C To USB C Cable



Figure 5: Using the 10-foot USB-C cable for extended reach.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DiHines charger:

- Keep the charger and cable dry. Avoid exposure to liquids or high humidity.
- Do not expose the charger to extreme temperatures.
- Clean the charger and cable with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Avoid bending or twisting the cable excessively, especially near the connectors, to prevent internal damage.
- Unplug the charger from the wall outlet when not in use for extended periods.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Device not charging:**

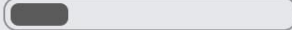
- Ensure the charger is securely plugged into a working wall outlet.
- Verify that the USB-C cable is firmly connected to both the charger block and your device.
- Try using a different wall outlet.
- Test the charger with a different compatible device or try a different USB-C cable to isolate the issue.

- **Slow charging:**

- Ensure your device supports 25W Power Delivery (PD) 3.0 for optimal fast charging.
- Close background applications on your device that may be consuming significant power.
- Avoid using your device heavily while charging, as this can slow down the charging process.
- Check if the cable or charger block is damaged.

Super Fast Charging

25w Power Deliver
100% 

5w Normal Charger
20% 



Note: Charging speed will be slower when the device is using

Figure 6: Charging speed comparison.

- **Charger or device getting hot:**

- It is normal for chargers and devices to become slightly warm during fast charging.
- If the heat is excessive or accompanied by unusual smells, immediately unplug the charger and discontinue use.
- Ensure adequate ventilation around the charger and device during charging.

7. SPECIFICATIONS

Feature	Detail
Model Number	US052100-2U
Input Voltage	100-240V (Standard AC)
Output Power	25W Max (PD 3.0)
Output Amperage	3 Amps
Connector Type	USB Type C
Cable Length	10 Feet (3 Meters)
Data Transfer Speed	Up to 480Mbps
Product Dimensions	1.57 x 3.94 x 5.91 inches
Item Weight	0.176 ounces
Color	Black
Special Features	Fast Charging, Short Circuit Protection, Travel-friendly

High Data Transfer Speed

High Speed Data Transfer
Up to 480Mbps



Safety & Reliability



Quality Pure
Copper Wire Core



Flexible & Durable

Figure 7: High data transfer speed capability.

8. SUPPORT

For any questions or assistance regarding your DiHines 25W USB Type C Fast Charger, please contact our customer support team. We are available 24 hours to assist you.

Please refer to the product packaging or the retailer's website for specific contact information.