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## 8849 TANK3

# 8849 Tank 3 Rugged Smartphone User Manual

Model: TANK3

## 1. INTRODUCTION

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The 8849 Tank 3 is a rugged smartphone designed for durability and extended use in challenging environments. It features a large battery, advanced camera system, and specialized tools, all within a robust, protective casing.



Figure 1: Front and rear view of the 8849 Tank 3 Rugged Smartphone.

## 2. GETTING STARTED

### 2.1 Package Contents

Verify that your package contains the following items:

- 1x 8849 Tank 3 Phone
- 1x Type-C Cable
- 1x USB-C Power Adapter (120W)
- 1x User Manual/Warranty Card
- 1x Screen Protector

### 2.2 SIM Card Installation

To install your SIM card(s) and/or microSD card:

1. Locate the SIM tray on the side of the device.
2. Use the provided SIM ejector tool to open the tray.
3. Carefully place your Nano-SIM card(s) and/or microSD card into the designated slots.
4. Gently push the tray back into the device until it clicks into place. Ensure the tray is fully sealed to maintain water and dust resistance.

Your browser does not support the video tag.

Video 1: Unboxing and SIM card installation for a similar rugged phone model.

## 2.3 Powering On/Off

To power on the device, press and hold the Power button (located on the side) until the screen illuminates. To power off, press and hold the Power button, then select 'Power off' from the options.

## 3. KEY FEATURES & OPERATION

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### 3.1 Battery and Charging

The Tank 3 is equipped with a 23800mAh battery, offering extended usage times. It supports 120W fast charging, allowing the device to reach 90% charge in approximately 1.5 hours. The phone can also function as a power bank via OTG cable to charge other devices.



Figure 2: Illustration of the 23800mAh battery capacity and 120W fast charging capability.

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Video 2: Overview of the 8849 Tank 3's features, including battery and charging.

### 3.2 Performance and Storage

Powered by an MTK Dimensity 8200 Octa-Core processor (4nm process/3.1GHz), the Tank 3 offers a smooth operating experience. It features 32GB RAM (16GB physical + 16GB adjustable virtual RAM) and 512GB ROM, expandable up to 2TB with a microSD card.

**32GB RAM + 512GB ROM**  
Smoother, faster and more efficient

4nm Advanced Processor

3.1GHz High Frequency CPU

Dimensity 8200 Chipset

Expandable 16GB

RAM 16GB

Total 32GB

32GB RAM + 512GB ROM  
TF up to 2TB expandable

Figure 3: Details on the 32GB RAM and 512GB ROM with expandable storage.

### 3.3 Display

The device features a 6.79-inch FHD+ display with a 1080\*2460 resolution and a 120Hz adaptive refresh rate for a smooth visual experience.

# 6.79" FHD+ 120Hz Refresh Rate

The super fast 120Hz display refresh rate provides twice smooth scrolling of web pages and animations than 90Hz



Figure 4: Visual representation of the 6.79-inch FHD+ display with 120Hz refresh rate.

## 3.4 Camera System

The Tank 3 boasts a versatile camera setup:

- **Main Camera:** 200MP for high-detail photography.
- **Front Camera:** 50MP for clear selfies.
- **Night Vision Camera:** 64MP for capturing images in low-light conditions.
- **Wide-angle Camera:** 50MP for broader scenic views.
- **Telephoto Camera:** 8MP for artistic depth and zoom.

It also supports an underwater camera mode for capturing photos and videos while submerged.



Figure 5: Overview of the multi-camera system on the 8849 Tank 3.

### 3.5 Specialized Tools

- **1200LM Camping Light:** A powerful light source with 5 modes (SOS, explosion flash, slightly bright, full light, half light) for outdoor activities. It also includes warning signal lights for emergencies.
- **40m Range Finder:** An integrated tool for fast and precise measurement of length, area, and volume.

# 1200LM Outdoor Camping Light

## Danger Signals Warning



Full Bright



Slightly Bright



Explosion Flash



SOS



Half Bright



Figure 6: The 1200LM camping light providing illumination in an outdoor setting.

Your browser does not support the video tag. Video description: This video demonstrates the various features of the 8849 Tank 3, including its projector function, cooling fan, battery, fast charging, IP68 waterproof rating, night vision camera, and powerful camping light. It shows the phone being used in different scenarios, such as projecting a movie, being submerged in water, and taking photos in the dark. The video also highlights the phone's rugged design and its ability to charge other devices. It concludes by showcasing the phone's warning signal lights and powerful camping light in action.

Video 3: Demonstration of the 8849 Tank 3's projector, ruggedness, and lighting features.

### 3.6 Durability

The 8849 Tank 3 is designed for 360° full protection, making it waterproof, shockproof, and dust-proof. It can withstand various harsh environments, including submersion in water up to 1.5m deep for 30 minutes and drops from a height of 1.5m.

# All-round Protection, Enhanced Durability

With extra protection to prevent rain, water and dust destroying the phone, TANK 3 is best choice for you, whether at work or enjoying a leisure pursuit



Figure 7: Visuals illustrating the waterproof, dustproof, and drop-proof capabilities of the Tank 3.

## 3.7 Connectivity

The device supports Dual 5G connectivity. It is compatible with T-Mobile and Verizon carriers. For other carriers, users should verify frequency band compatibility: GSM:B2/3/5/8; WCDMA: Band1/2/4/5/6/8/19; C2K: BC0,BC1; LTE FDD:B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/66; LTE TDD: 34/38/39/40/41/42; 5G NR:N1/2/3/5/7/8/12/20/25/28/38/40/41/66/77/78. The phone also includes NFC for contactless payments and data transfer.

## 4. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your 8849 Tank 3 Rugged Smartphone, follow these maintenance guidelines:

- Always ensure all port covers (USB-C, headphone jack, SIM tray) are securely closed when not in use to maintain water and dust resistance.
- Clean the device regularly with a soft, damp cloth. Avoid harsh chemicals or abrasive materials.
- If the device has been exposed to saltwater, rinse it thoroughly with fresh water and dry completely before charging or opening any ports.

- Avoid exposing the device to extreme temperatures for prolonged periods.

## 5. TROUBLESHOOTING

### 5.1 Network Connectivity Issues

If you experience issues with network connectivity:

- Ensure your SIM card is correctly inserted and the tray is fully closed.
- Verify that your carrier is T-Mobile or Verizon. For other carriers, check the frequency bands listed in Section 3.7 to confirm compatibility.
- Restart your device.
- Check your network settings to ensure mobile data is enabled and APN settings are correct for your carrier.

### 5.2 Battery Not Charging

If the battery is not charging:

- Ensure the USB-C cable and power adapter are securely connected to the device and a working power outlet.
- Check the USB-C port for any debris or damage.
- Try using a different USB-C cable and power adapter.

## 6. SPECIFICATIONS

Feature	Specification
Model Name	TANK3
Operating System	Android 13.0
CPU Model	Mediatek Dimensity 8200 (Octa-Core, 3.1GHz)
RAM	16 GB (expandable to 32GB with virtual RAM)
Internal Storage (ROM)	512 GB (expandable up to 2 TB via microSD)
Display Size	6.79 Inches FHD+
Resolution	1080 x 2460
Refresh Rate	120 Hz
Battery Capacity	23800 Milliamp Hours
Fast Charging	120W
Main Camera	200 MP
Front Camera	50 MP
Night Vision Camera	64 MP
Waterproof Rating	IP68 (1.5m for 30 minutes)

Drop-Proof	Up to 1.5m
Dimensions	7.04 x 3.38 x 1.22 inches
Item Weight	1.47 pounds (666 Grams)

## 7. WARRANTY AND SUPPORT

Your 8849 Tank 3 smartphone is manufactured by Shenzhen OBlue Communication Technology Company Limited. For detailed warranty information and support, please refer to the included User Manual/Warranty Card in your product package.

For further assistance, you may contact the manufacturer or visit their official support channels as indicated in the warranty documentation.