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## OSALO OS-200ML

# OSALO OS-200ML 12-Digit Large Display Desktop Calculator User Manual

Model: OS-200ML | Brand: OSALO

## 1. INTRODUCTION

Thank you for choosing the OSALO OS-200ML 12-Digit Large Display Desktop Calculator. This manual provides essential information for the proper setup, operation, and maintenance of your calculator. Please read it thoroughly to ensure optimal performance and longevity of your device.

The OS-200ML is designed for efficiency and ease of use, featuring a large display, comfortable keys, and dual power sources, making it ideal for various professional and personal applications.

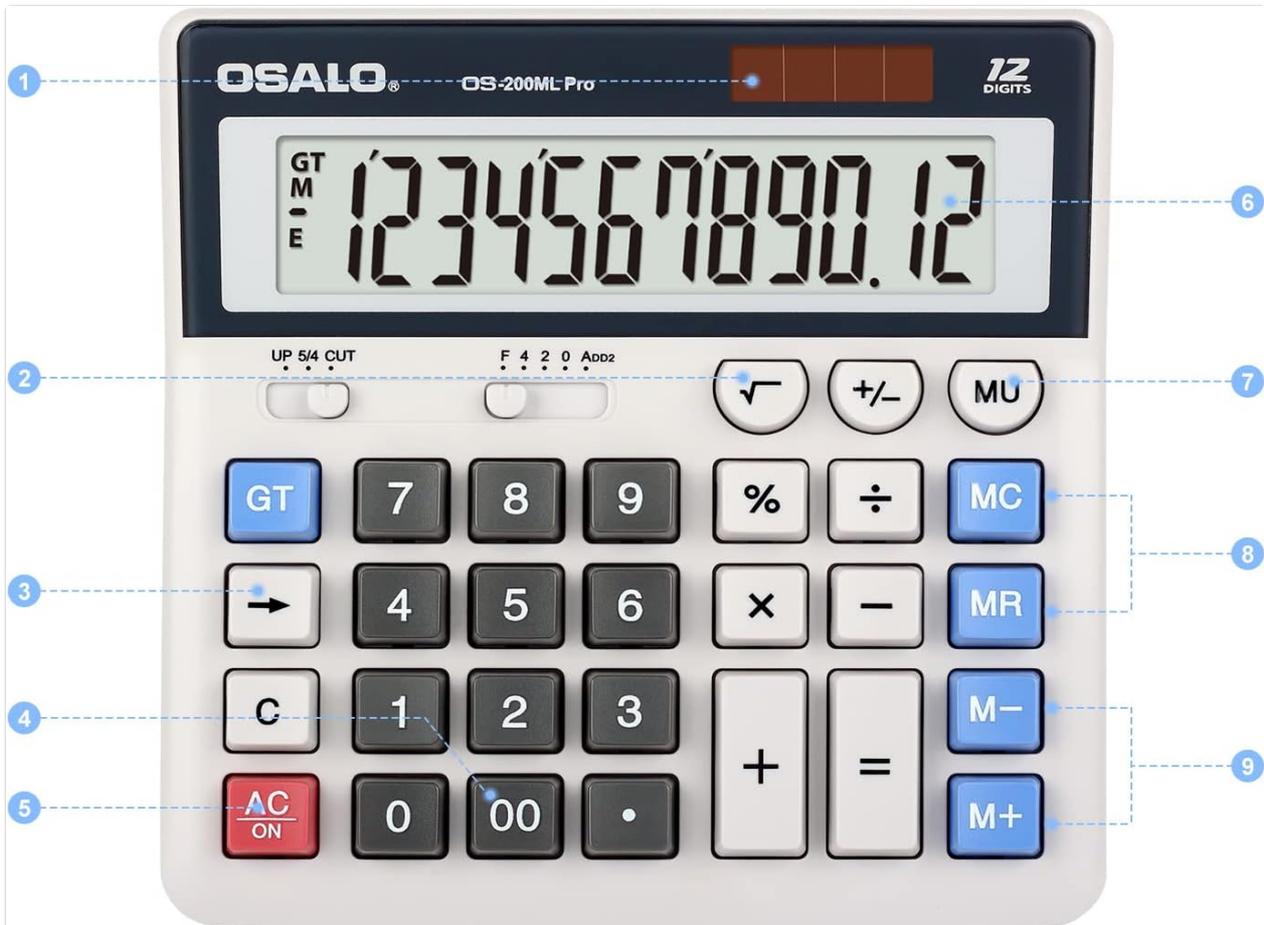
## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Large 12-Digit Display:** Provides clear and easy-to-read numbers for all calculations.
- **Ergonomic Design:** Angled display and large, three-color ABS plastic buttons are shaped to fit finger curves, ensuring accurate and efficient input.
- **Dual Power Source:** Operates on both solar energy and battery power, providing reliable performance even in low light conditions.
- **Non-Slip Stability:** Equipped with four non-slip rubber feet and a flat bottom design for secure placement on any desktop surface.
- **Automatic Power Off:** Conserves battery life by automatically shutting down after 8 minutes of inactivity.

### 2.2 Component Identification

Familiarize yourself with the various parts and functions of your OSALO OS-200ML calculator:



- |              |         |             |
|--------------|---------|-------------|
| ① ソーラーパネル    | ④ ダブル 0 | ⑦ 金利計算      |
| ② 平方根        | ⑤ すべて削除 | ⑧ メモリの蓄積／削除 |
| ③ バックスペースボタン | ⑥ 12桁   | ⑨ メモリ 加算/減算 |

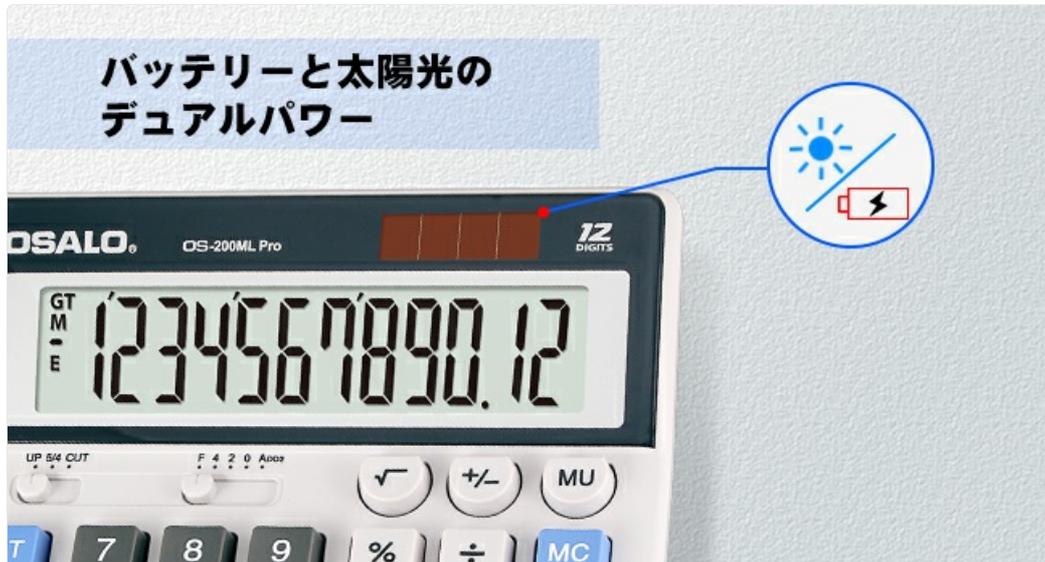
**Image:** Front view of the OSALO OS-200ML calculator with key functions labeled. This image highlights the solar panel, square root button, backspace, clear button, AC/ON button, 12-digit display, percentage, division, multiplication, subtraction, addition, equals, double zero, memory recall/clear (MR, MC), memory plus (M+), and memory minus (M-).

1. **Solar Panel:** Provides power in well-lit environments.
2. **Display:** 12-digit LCD screen for numerical output.
3. **GT (Grand Total):** Calculates the grand total of all results.
4. **Square Root ( $\sqrt{\quad}$ ):** Calculates the square root of a number.
5. **Percentage (%):** Used for percentage calculations.
6. **+/- (Sign Change):** Changes the sign of the displayed number.
7. **MU (Mark-Up/Mark-Down):** Used for profit margin calculations.
8. **MC (Memory Clear):** Clears the memory.
9. **MR (Memory Recall):** Recalls the value stored in memory.
10. **M- (Memory Minus):** Subtracts the displayed value from memory.
11. **M+ (Memory Plus):** Adds the displayed value to memory.
12. **C (Clear Entry):** Clears the last entered number.
13. **AC/ON (All Clear/On):** Clears all entries and memory, or turns the calculator on.
14. **Backspace ( $\leftarrow$ ):** Deletes the last digit entered.
15. **00 (Double Zero):** Enters two zeros simultaneously.

## 3. SETUP

### 3.1 Power Source

Your OSALO OS-200ML calculator utilizes a dual power system, operating on both solar energy and a backup battery. This ensures continuous functionality in various lighting conditions.



**Image:** A diagram illustrating the dual power system of the calculator, showing both solar power (sun icon) and battery power (battery icon) contributing to its operation.

### Battery Installation/Replacement

1. Turn the calculator over to access the battery compartment on the bottom.
2. Gently slide the battery compartment cover open.
3. Insert or replace the battery (included) according to the polarity indicators (+/-).
4. Close the battery compartment cover securely.



### 滑り止めラバーマット

滑り止めのラバーパッドが大きく  
使い勝手が良い

**Image:** The underside of the OSALO OS-200ML calculator, clearly showing the battery compartment with a battery inserted and one of the non-slip rubber feet.

The solar panel will automatically take over when sufficient light is available, extending battery life. If the display becomes dim or unresponsive in good lighting, the battery may need replacement.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Arithmetic Operations

- **Addition (+):** Enter the first number, press '+', enter the second number, press '='.
- **Subtraction (-):** Enter the first number, press '-', enter the second number, press '='.
- **Multiplication (×):** Enter the first number, press '×', enter the second number, press '='.
- **Division (÷):** Enter the first number, press '÷', enter the second number, press '='.

### 4.2 Special Functions

- **Memory Functions (M+, M-, MR, MC):**
  - **M+:** Adds the displayed value to the memory.
  - **M-:** Subtracts the displayed value from the memory.
  - **MR:** Recalls the current value stored in memory to the display.
  - **MC:** Clears the memory (sets it to zero).
- **Square Root (√):** Enter a number, then press '√' to calculate its square root.

- **Percentage (%):** Enter a number, press 'x' or '÷', enter the percentage value, then press '%' to calculate the percentage.
- **Grand Total (GT):** After a series of calculations, press 'GT' to display the sum of all results.
- **Backspace (←):** Corrects entry errors by deleting the last digit entered.
- **Clear Entry (C):** Clears the currently displayed number without affecting memory or previous calculations.
- **All Clear/On (AC/ON):** Clears all calculations, memory, and resets the calculator. Also turns the calculator on.

### 4.3 Automatic Power Off

To conserve energy, the calculator will automatically power off after approximately 8 minutes of inactivity. Press the 'AC/ON' button to turn it back on.

## 5. MAINTENANCE

### 5.1 Cleaning

To clean your calculator, gently wipe the surface with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid using abrasive cleaners, solvents, or spraying liquids directly onto the calculator.

### 5.2 Storage

Store the calculator in a cool, dry place away from direct sunlight and extreme temperatures. Prolonged exposure to heat or cold can affect battery life and display performance.

## 6. TROUBLESHOOTING

If you encounter any issues with your OSALO OS-200ML calculator, please refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Display is blank or dim.	Insufficient light for solar panel, or low battery.	Ensure the calculator is in a well-lit area. If the problem persists, replace the battery.
Display shows incomplete numbers or segments.	Low battery or insufficient light.	Move the calculator to a brighter area or replace the battery.
Keys are unresponsive or sticky.	Dirt or debris under the keys.	Gently clean around the keys with a soft brush or compressed air. Avoid forcing keys.
Calculator turns off unexpectedly.	Automatic power-off feature activated due to inactivity.	This is normal behavior. Press 'AC/ON' to resume operation. If it turns off during active use, check battery and lighting.

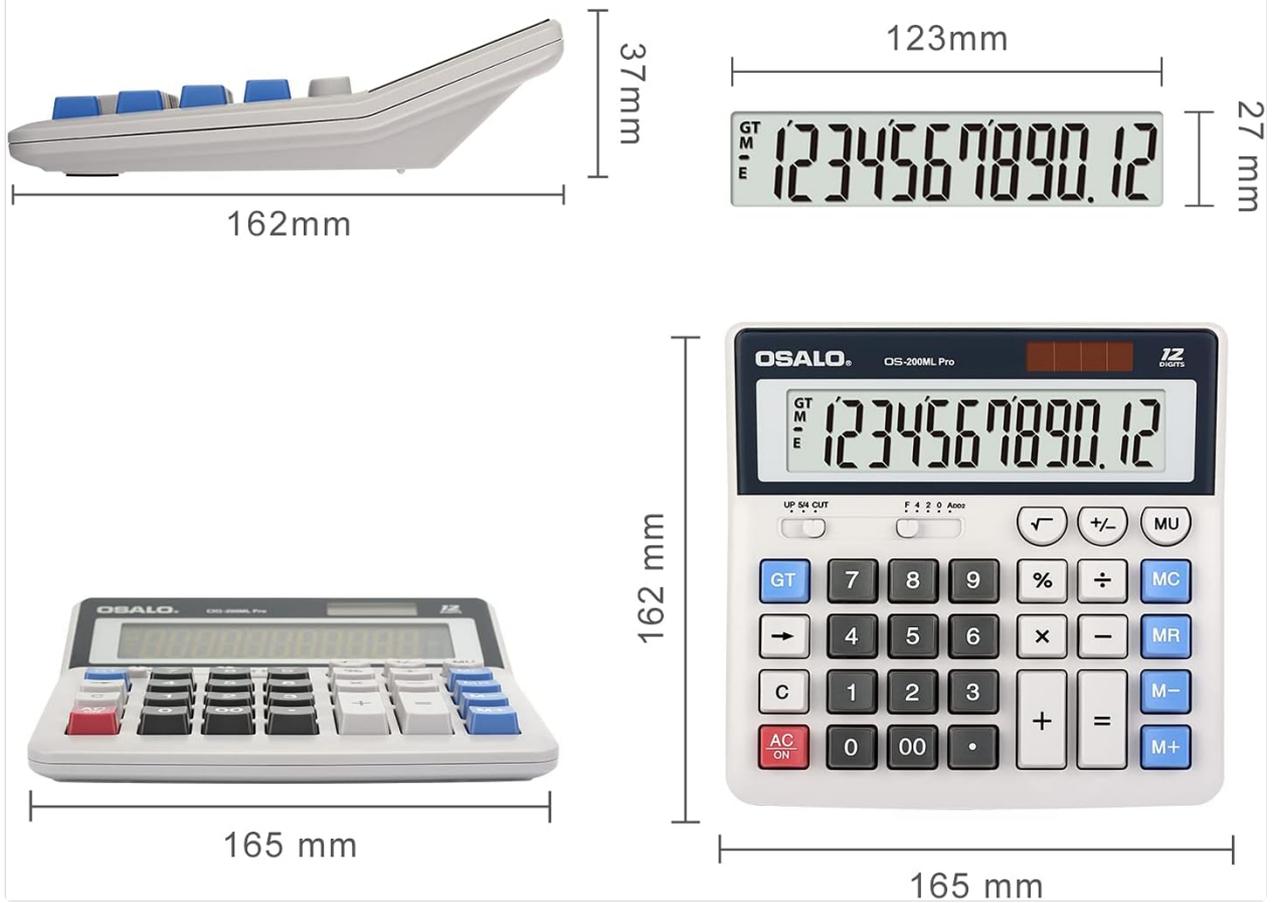
If the issue persists after trying these solutions, please contact customer support.

## 7. SPECIFICATIONS

Detailed technical specifications for the OSALO OS-200ML calculator:

## PRODUCT SIZE

Size: 165 x 162 x 37 (mm)



**Image:** A diagram illustrating the dimensions of the OSALO OS-200ML calculator, showing its length, width, and height in millimeters.

Feature	Specification
Model Number	OS-200ML
Display Digits	12 Digits
Display Type	LCD
Screen Size	5 inches
Power Source	Solar and Battery
Material	ABS Plastic
Product Dimensions (L x W x H)	165 x 162 x 37 mm (approx. 6.5 x 6.3 x 1.45 inches)
Weight	280 g

Feature	Specification
Automatic Shut-off	After 8 minutes of inactivity

## 8. WARRANTY AND SUPPORT

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OSALO products are manufactured with high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or visit the official OSALO website. If you have any questions or require assistance, please contact our customer service team.