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Texas Instruments TI-30X IIS (30XIIS/TBL/1L1/BL)

Texas Instruments TI-30X IIS Scientific Calculator User Manual

Model: TI-30X IIS (30XIIS/TBL/1L1/BL)

INTRODUCTION

This manual provides detailed instructions for the effective use and maintenance of your Texas Instruments TI-30X IIS 2-Line Scientific Calculator. Designed for fundamental math, statistics, and science functionality, this calculator is a robust tool for high school and college-level studies.

The TI-30X IIS features a two-line display, allowing you to view both the entry and the calculated result simultaneously. It supports various calculations including trigonometry, logarithms, fractions, statistics, and more. Its dual power source (solar and battery) ensures reliable operation.

PRODUCT OVERVIEW



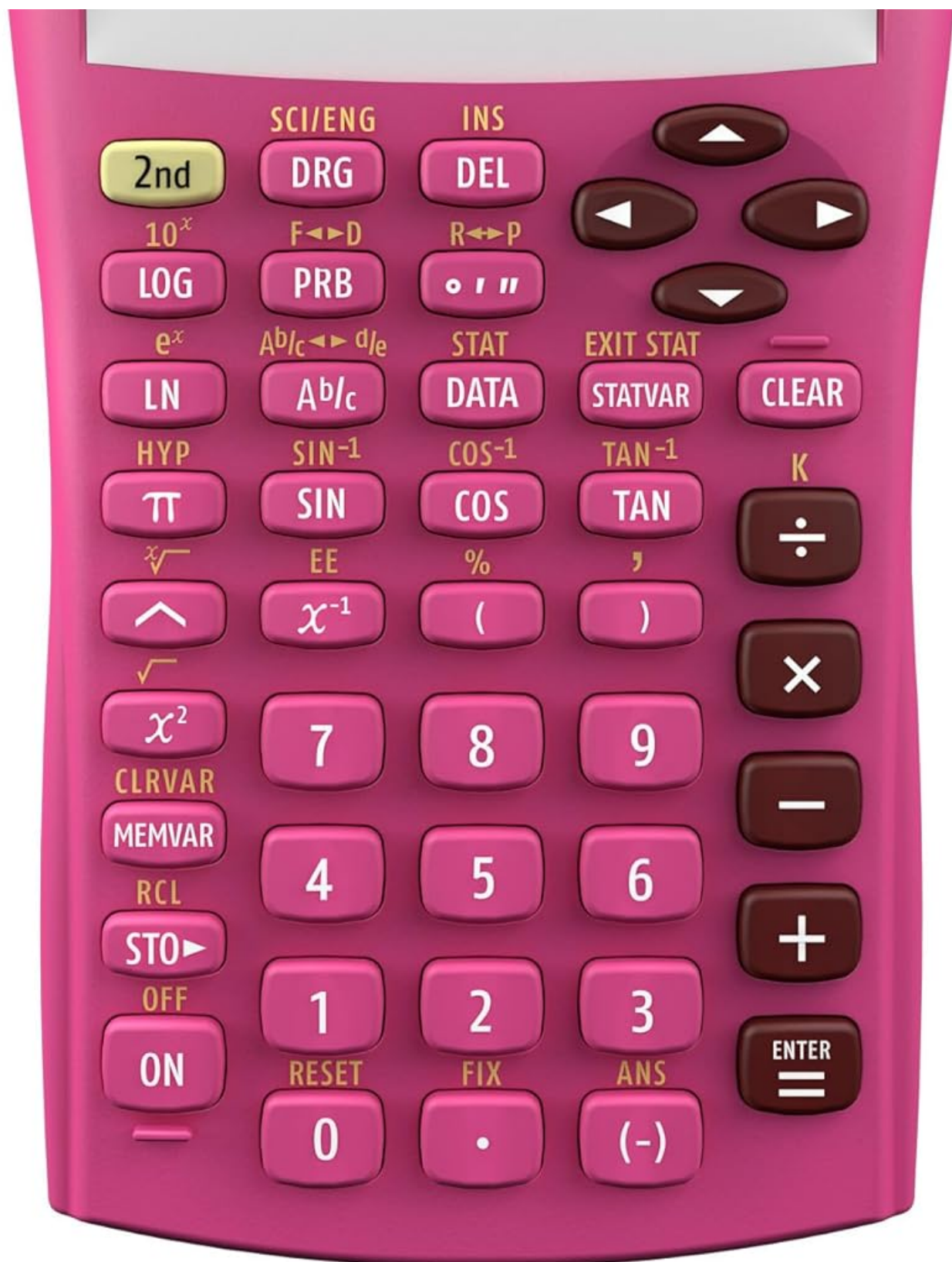


Figure 1: Front view of the Texas Instruments TI-30X IIS scientific calculator in pink. The two-line display shows an example calculation, and the solar panel is visible above the screen.





TEXAS INSTRUMENTS

TI-30XIIS

 $2\sin(\pi/2)*4$
0.219297069

DEG



Figure 2: A direct frontal view of the TI-30X IIS calculator, highlighting the key layout and screen.

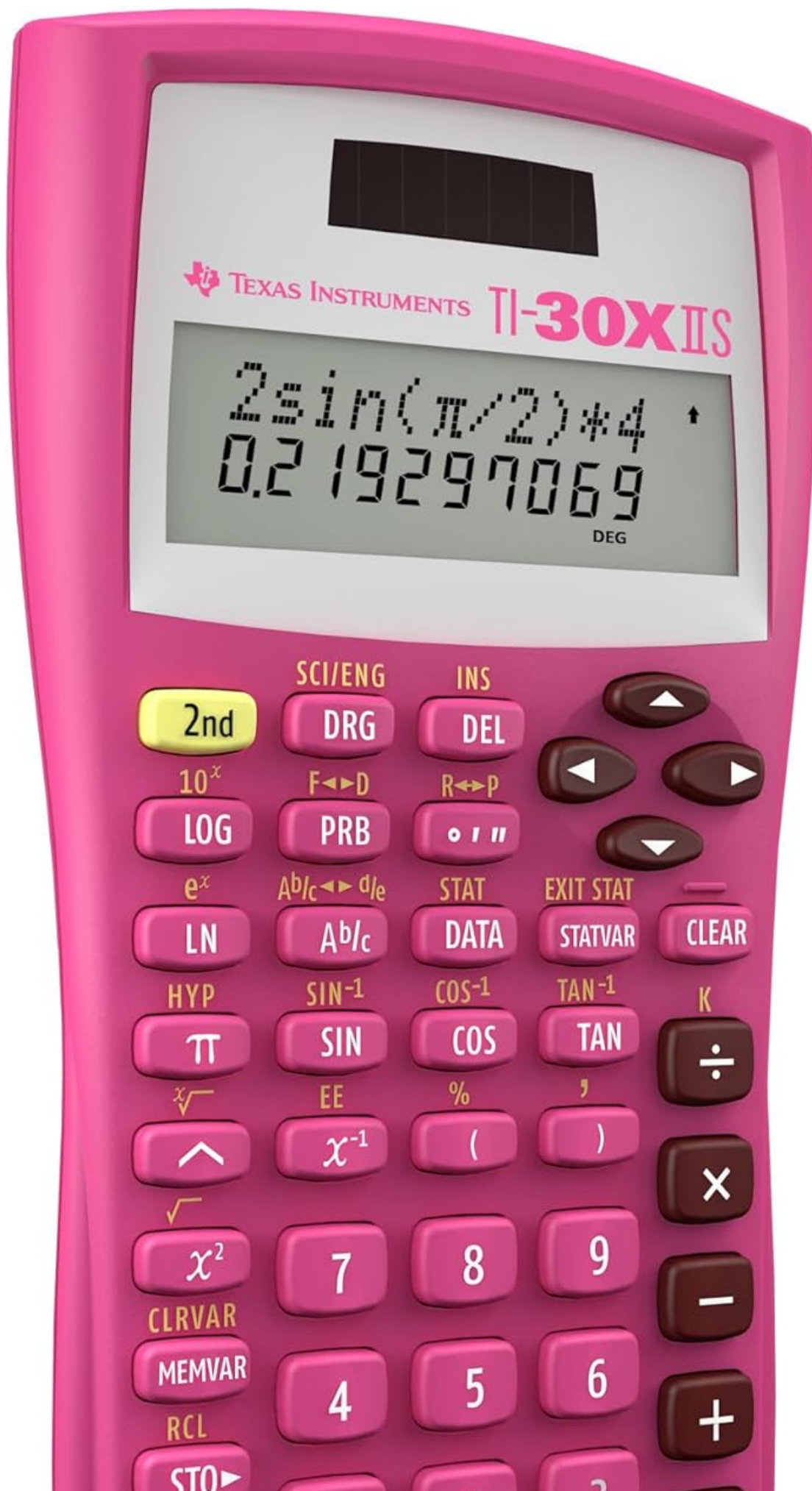




Figure 3: A side angle view of the calculator, showing its slim profile.

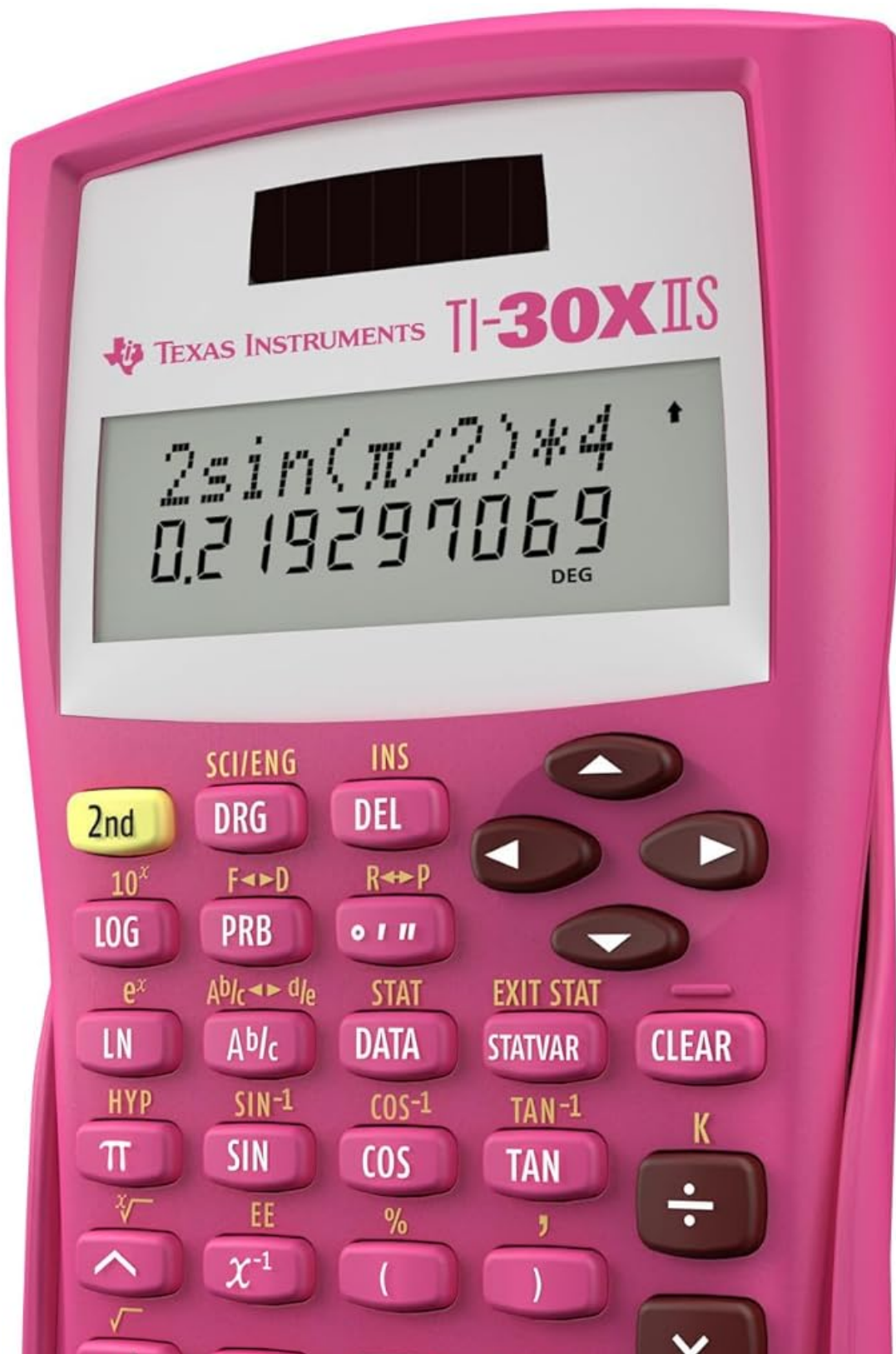
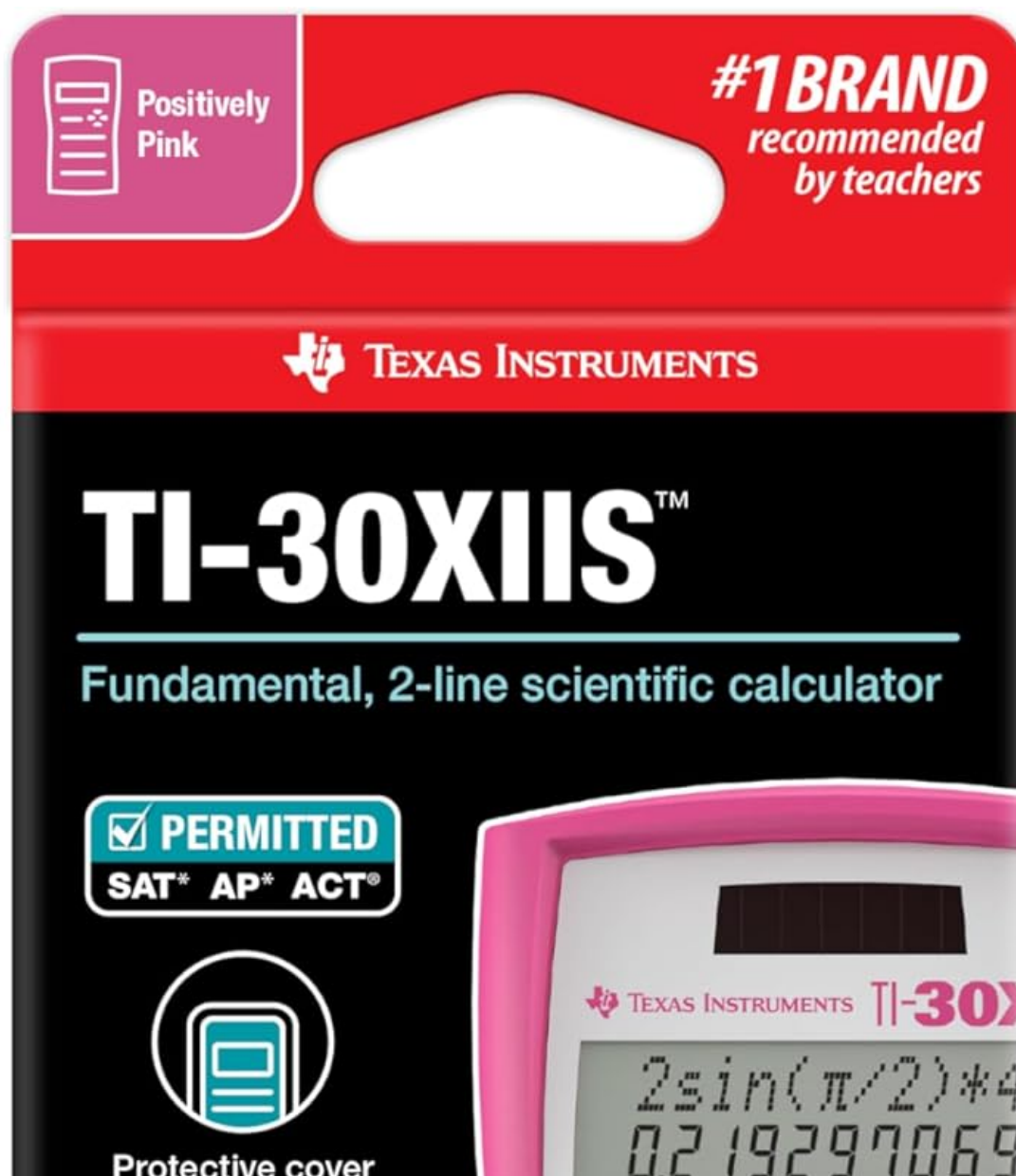




Figure 4: The back of the TI-30X IIS calculator, showing the battery compartment and product information.



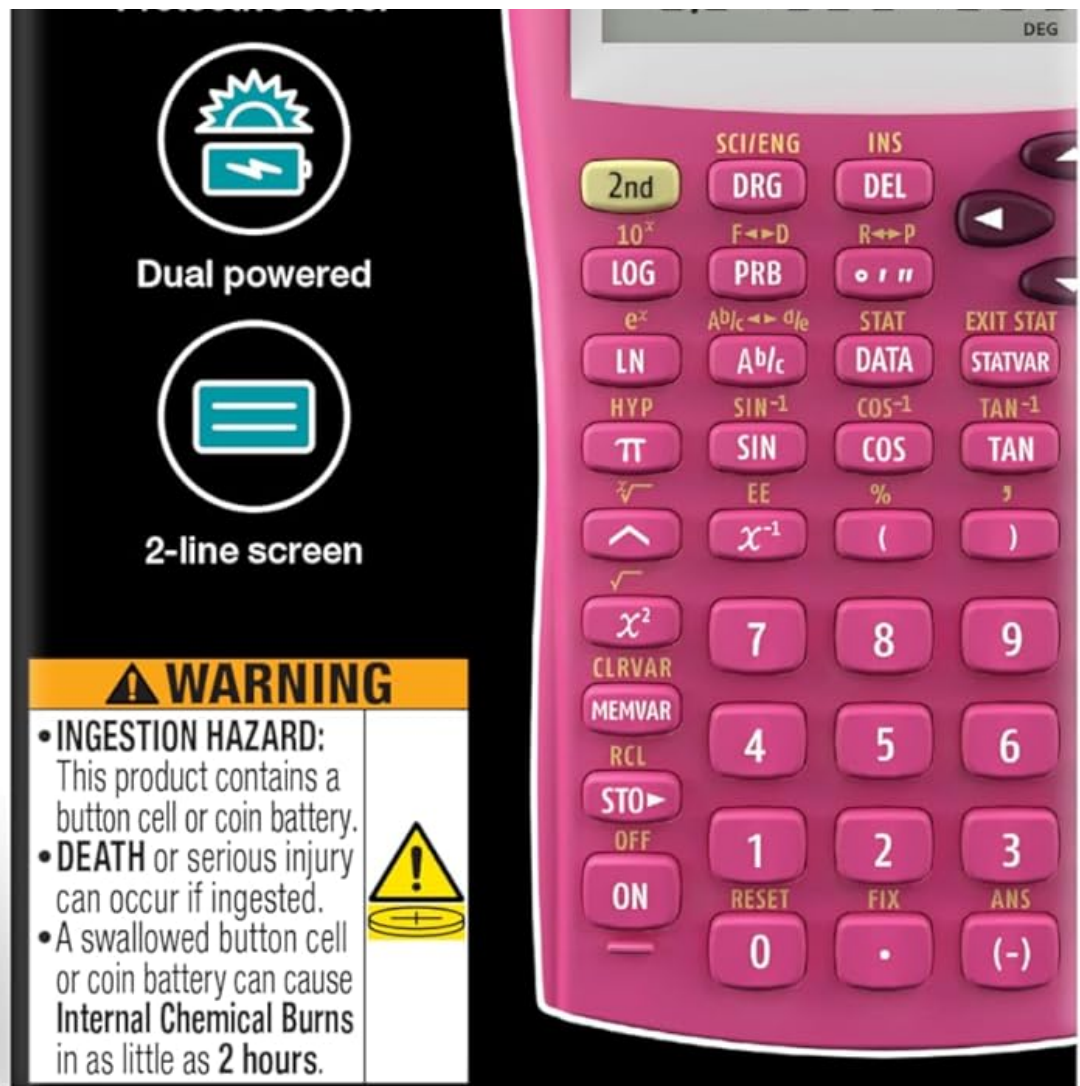
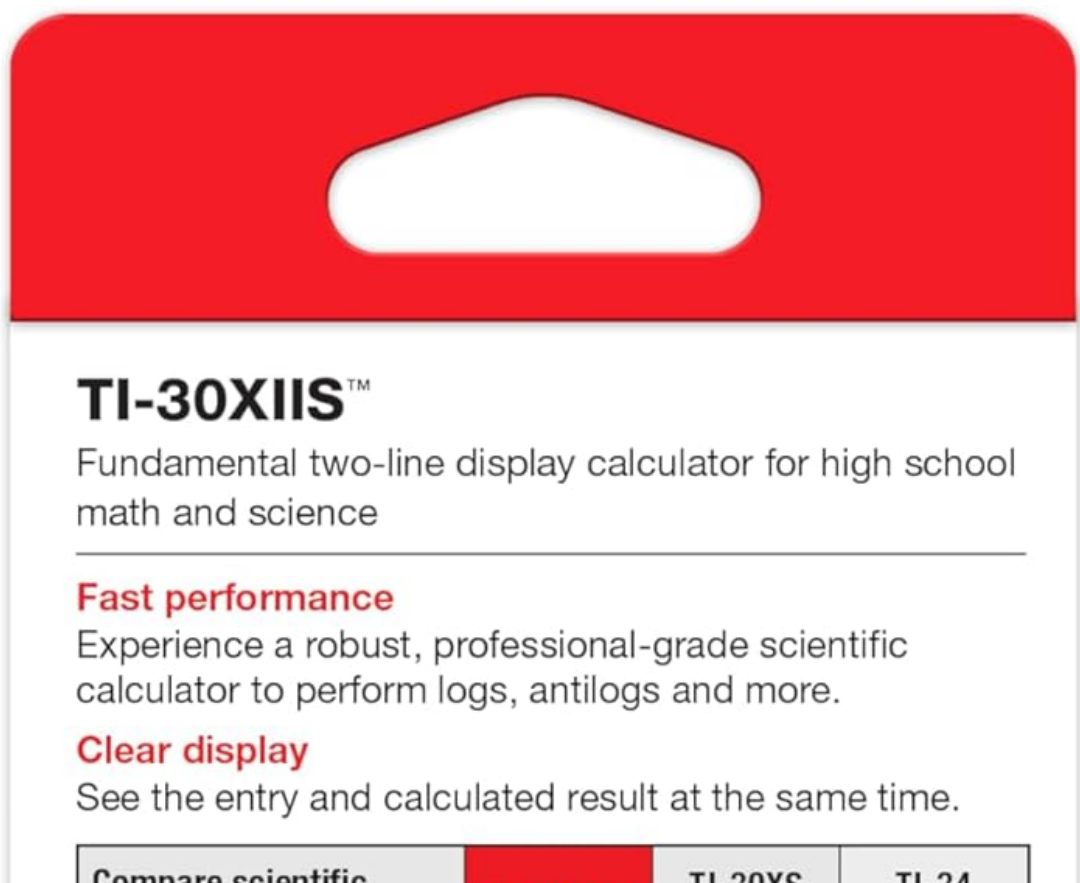


Figure 5: Front view of the product packaging, highlighting key features like protective cover, dual power, and 2-line screen, along with exam permissions.



Compare scientific calculator features	TI-30XIIS™	TI-30X9 MultiView™	TI-30 MultiView™
Display lines	2	4	4
Statistics	2-variable	2-variable	2-variable
Type of power	Solar/battery	Solar/battery	Solar/battery
Fraction/decimal conversion	●	●	●
Trig, log, exponents	●	●	●
Edit, cut and paste	●	●	●
MathPrint™ textbook display		●	●
(x, y) tables		●	
Step-by-step fraction simplification			●



To learn more, scan the QR code or visit education.ti.com/30XIIS-info.

*SAT and AP are trademarks of the College Board, and ACT is a trademark of ACT, Inc., neither of which were involved in the production of, nor do they endorse this product. For more information on college entrance exams, visit www.sat.org and www.act.org.

⚠ WARNING

- **KEEP** new and used batteries **OUT OF REACH** of CHILDREN.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

Product contains non-replaceable batteries. Battery type CR2025. Nominal voltage 3V.

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4 POINTS

TI Technology
Rewards Program
education.ti.com/TRP

TI-30XIIS™ Positively Pink



Figure 6: Back view of the product packaging, showing a comparison table of scientific calculator features and a QR code for more information.



6.1"

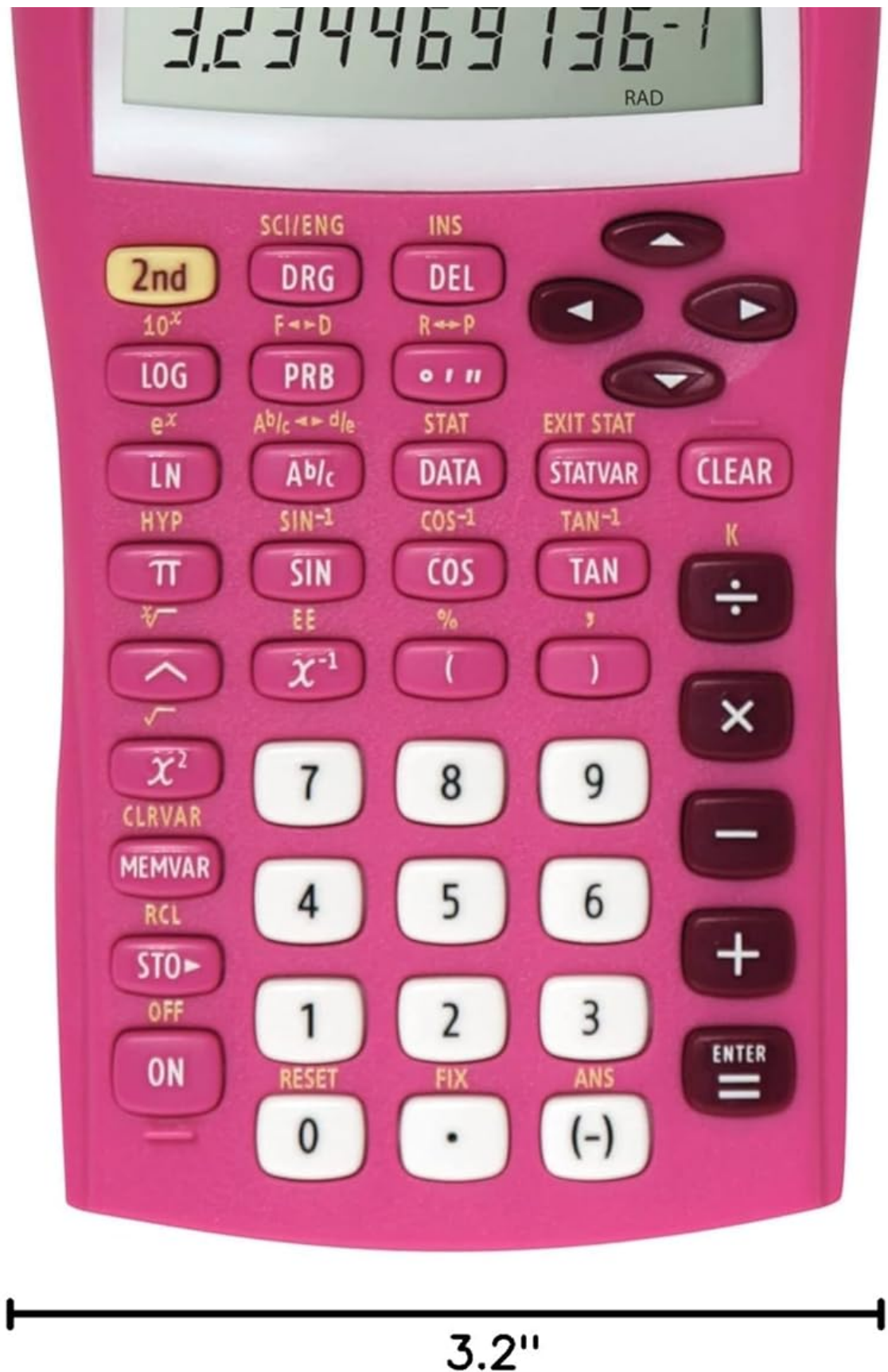


Figure 7: Image illustrating the dimensions of the TI-30X IIS calculator: approximately 6.1 inches in length and 3.2 inches in width.

SETUP

Powering On

The TI-30X IIS calculator is dual-powered, utilizing both solar energy and a lithium metal battery (included). To power on the calculator, press the **ON** button located at the bottom left of the keypad.

Initial Setup

Upon first use, or after a prolonged period of inactivity, the calculator should power on automatically when exposed to light or when the **ON** button is pressed. No specific initial setup is required beyond ensuring adequate light for solar power or sufficient battery charge.

Battery Installation/Replacement

The calculator uses 1 Lithium Metal battery. If the display becomes dim or unresponsive in adequate light, the battery may need replacement. Refer to the back of the calculator for the battery compartment. Ensure proper polarity when installing a new battery.

OPERATING INSTRUCTIONS

Basic Operations

Perform standard arithmetic operations using the number keys and operators (**+**, **-**, **×**, **÷**). Press **ENTER** to calculate the result.

Two-Line Display

The upper line of the display shows the entered expression, while the lower line shows the result. This allows for easy review and editing of calculations.

Scientific Functions

Access scientific functions such as logarithms (**LOG**, **LN**), trigonometric functions (**SIN**, **COS**, **TAN**), and their inverses using the corresponding keys. Many functions require pressing the **2nd** key first to access the secondary function printed above the button.

Statistical Calculations

The calculator handles 1- and 2-variable statistical calculations. Use the **DATA** key to enter data points and the **STATVAR** key to access statistical variables.

Angle Modes

Switch between three angle modes: Degrees (DEG), Radians (RAD), and Grads (GRAD). The current mode is indicated on the display. Press the **DRG** key to cycle through the modes.

Fractions and Conversions

Enter and perform calculations with fractions using the **n/d** key. Convert between fractions and decimals, or mixed numbers and improper fractions, as needed.

Memory Functions

Store and recall values using the memory keys (**STO**, **RCL**). The calculator has multiple memory registers.

Error Messages

If an error occurs, an error message will appear on the display. Refer to the full user guide for a list of error codes and their meanings.

MAINTENANCE

Cleaning

To clean the calculator, use a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the casing or screen.

Storage

When not in use, store the calculator in its protective slide case to prevent scratches and damage. Avoid exposing the calculator to extreme temperatures or humidity.

Battery Care

While the calculator is solar-powered, it also relies on a lithium metal battery. If storing the calculator for an extended period, ensure it is in a well-lit area to allow the solar panel to maintain the battery charge. If the battery is completely depleted, replace it as described in the Setup section.

TROUBLESHOOTING

- **Calculator does not turn on:**
 - Ensure the calculator is exposed to sufficient light for solar power.
 - Check the battery. If the battery is low or depleted, replace it.
 - Press the **ON** button firmly.
- **Display is dim or blank:**
 - Move the calculator to a brighter area.
 - Replace the battery if the issue persists.
- **Incorrect results:**
 - Verify the input values and the order of operations.
 - Check the current angle mode (DEG, RAD, GRAD) if performing trigonometric calculations.
 - Clear the calculator's memory by pressing **2nd** then **RESET**.
- **Buttons are unresponsive:**
 - Ensure the calculator is clean and free of debris around the buttons.
 - If the calculator has been dropped or subjected to impact, internal damage may have occurred.

For further assistance, please refer to the official Texas Instruments support resources.

SPECIFICATIONS

Feature	Detail
Model Number	30XIIS/TBL/1L1/BL
Display Type	2-Line Display

Power Source	Solar and Battery Powered (1 Lithium Metal battery included)
Dimensions	6.12 x 3.23 x 0.1 inches
Item Weight	5.6 ounces
Calculator Type	Scientific / Engineering
Permitted for Exams	SAT, ACT, AP (Advanced Placement)
Key Functions	Trigonometry, Logarithms, Statistics (1- & 2-variable), Fractions, Conversions, Scientific/Engineering Notation

WARRANTY AND SUPPORT

Warranty Information

The Texas Instruments TI-30X IIS calculator comes with a 1-year limited warranty. Please retain your proof of purchase for warranty claims.

Customer Support

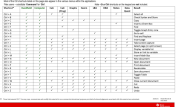

For detailed user guides, FAQs, and technical support, please visit the official Texas Instruments education website:
education.ti.com/30XIIS-info

Additional support documents, including a User Guide (PDF) and User Manual (PDF), are available online.

[User Guide \(PDF\)](#)

[User Manual \(PDF\)](#)

Related Documents - TI-30X IIS (30XIIS/TBL/1L1/BL)

	<p>TI-Nspire Shortcuts and Tips: Enhance Calculator Productivity</p> <p>Comprehensive guide to TI-Nspire shortcuts for Handheld and Computer, covering application-specific shortcuts, useful functions, and special character entry to boost efficiency.</p>
	<p>Handleiding TI Connect™ CE Software van Texas Instruments</p> <p>Leer hoe u de TI Connect™ CE Software van Texas Instruments gebruikt voor het beheren van uw grafische rekenmachines, het vastleggen van schermen, het overzetten van bestanden en het ontwikkelen van programma's.</p>

