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INSTINCT® 2X SOLAR

RUGGED GPS SMARTWATCHES

NEW PRODUCT ANNOUNCEMENT

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MARKETING MEMO

April 12, 2023

Instinct® 2X Solar RUGGED GPS SMARTWATCHES

**NEW PRODUCT
ANNOUNCEMENT**



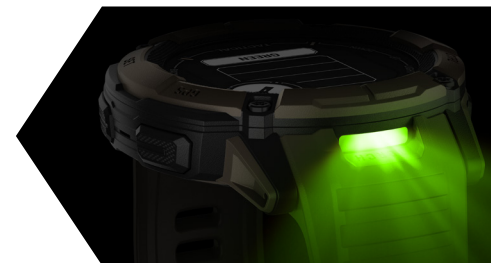
PRODUCT OVERVIEW:

Whatever you do, own it with Instinct 2X Solar. This bold, rugged GPS smartwatch is tough enough to keep up with you and unique enough to fit your style. Plus, solar charging gives you unlimited battery life in smartwatch mode when exposed to 3 hours of direct sunlight (50,000 lux) per day. When the sun sets, use the built-in LED flashlight to keep going and stay visible. Do more of what you love with preloaded activity profiles for running, biking, swimming, strength training and more. Count on multi-band GNSS support to provide more accurate positioning in challenging environments. Check your wrist to stay connected with smart notifications, Garmin Pay™ contactless payments and Connect IQ™ app integration (when paired with your compatible smartphone). Understand your body better with all-day health monitoring for energy levels, stress, sleep, Pulse Ox, heart rate and more (this is not a medical device, and data presented is intended to be a close estimation of metrics tracked. Pulse Ox not available in all countries). The Tactical Edition offers dedicated tactical features, such as night vision goggle compatibility, waypoint projection, ballistics calculations and dual-position GPS format, to keep you mission-ready. Stealth mode lets you go dark by disabling wireless communication and data sharing.



Instinct 2X Solar

**Instinct 2X Solar
Tactical Editions**



KEY FEATURES:

NEW	ENGINEERED FOR ENDURANCE	This ultratough watch features a solar charged display and rugged 50 mm polymer case. It's water-rated to 100 meters and tested to U.S. military standard 810 for thermal, shock and water resistance.
	DESIGNED TO DO YOU	With a design built for action and the features to support your high-energy lifestyle, this watch is always ready for adventure. Plus, its bold styling clearly shows the world that you do things your own way.
	SOLAR POWERED	The solar charging Power Glass™ lens extends battery life, producing 50% more energy than the Instinct 2 Solar watch. Go longer with the potential for unlimited solar charged battery life in smartwatch mode ¹ .
NEW	BUILT-IN FLASHLIGHT	To help guide your way in low-light conditions, a built-in multi-LED flashlight provides variable intensities and strobe that match your running cadence — plus a red safety light mode to help keep an eye on your nighttime surroundings.
NEW	MULTI-BAND FREQUENCY SUPPORT	Receive and utilize multiple frequencies sent by navigation satellites, which enable improved user position accuracy specifically in areas where GNSS signals are reflected, weak or typically do not penetrate.
NEW	OBSTACLE COURSE RACING	Track your performance during obstacle course events — with split times recorded between running and obstacle sections while you race. After manually recording splits during your first loop, you can focus solely on the race from there as splits will be automatically recorded. Then, review your stats after the race.
	ABC SENSORS	Navigate your next trail with ABC sensors, including an altimeter for elevation data, barometer to monitor weather and 3-axis electronic compass.
	TRACBACK® ROUTING	Take the guesswork out of your return journey by using this feature to navigate the same route back to your starting point.
	REFERENCE POINT	Keep track of a known place — such as your car or the trailhead — relative to your location, and easily find your way back to it.
	SMART NOTIFICATIONS	Receive emails, texts and alerts right on your watch when paired with your compatible smartphone .
	CONNECT IQ™ STORE	Download custom watch faces, add data fields, and get apps and widgets from the Connect IQ Store app on your compatible smartphone .
	GARMIN PAY™ CONTACTLESS PAYMENTS	Breeze through checkout lines and select transit systems with Garmin Pay contactless payments through participating providers .
	SAFETY AND TRACKING FEATURES	If you feel unsafe or if your watch senses that an incident occurred, assistance and incident detection features ² can send a message with your location to your emergency contacts when paired with your compatible smartphone .
	CALENDAR VIEW	Easily see your plans for the day with a dedicated calendar screen when paired with your compatible smartphone .
	SYNC WITH THE GARMIN CONNECT™ APP	See your health and fitness information all in one place. The Garmin Connect app on your compatible smartphone is a thriving online community where people on the go can connect, compete and share.
	BUILT-IN SPORTS APPS	Do whatever you love with preloaded activity profiles for running, cycling, swimming, strength training, indoor climbing, skiing, snowboarding, golf, yoga, Pilates and more.
	HIIT WORKOUTS	This activity profile tracks your HIIT workouts, including AMRAP, EMOM, Tabata and custom. Set the number of rounds, work/rest intervals and more.
	VO2 MAX	Train smarter with VO2 max , an indicator of how you can expect to perform. It even accounts for changes in performance that could be caused by heat or altitude.
	DAILY SUGGESTED WORKOUT	View your entire week of daily suggested workouts, which adapt after every run or ride to match your performance and recovery as well as the races coming up in your Garmin Connect smartphone app calendar.
	RECOVERY TIME	After each workout, recovery time lets you know when you'll be ready for another hard workout. It even accounts for training intensity and factors such as stress, daily activity and sleep.
	MTB DYNAMICS	Track the details of every ride with mountain biking metrics plus specialized Grit® and Flow™ measurements that rate trail difficulty and how smoothly you descend, giving you a score to beat next time.

Instinct[®] 2X Solar RUGGED GPS SMARTWATCHES

NEW PRODUCT ANNOUNCEMENT

KEY FEATURES (CONTINUED):

WRIST-BASED HEART RATE	Get heart rate³ data along with alerts if your heart rate stays too high or too low while you're at rest. Gauge how hard your heart is working during activities.
SLEEP SCORE AND ADVANCED SLEEP MONITORING	Get a full breakdown of your light, deep and REM sleep stages. View it all on a dedicated widget that includes your sleep score and insights.
NEW MORNING REPORT	Receive an overview of your sleep, recovery and training outlook as soon as you wake up — alongside HRV status and weather. You can even customize your report to show you what you want to see.
BODY BATTERY™ ENERGY MONITORING	Optimize your body's energy reserves , using heart rate variability, stress, sleep and other data to gauge when you're ready to be active or when you may need to rest.
PULSE OX	For altitude acclimation or sleep monitoring, a Pulse Ox sensor⁴ uses light beams at your wrist to estimate how well your body is absorbing oxygen.
NEW HRV STATUS	Gain a deeper understanding of your overall health, training and recovery through heart rate variability while you sleep, based on technology developed by our Firstbeat Analytics™ team.

Instinct 2X - Solar Tactical Edition — Key Additional Features

NEW BALLISTICS CALCULATOR	Unlock the Applied Ballistics [®] calculator via the AB Synapse™ – Garmin app (unlock fee required) to access aiming solutions for long-range shooting in the field.
NEW BUILT-IN FLASHLIGHT	To help guide your way in low-light conditions, a built-in multi-LED flashlight provides variable intensities and strobe that match your running cadence — plus a green light mode to help keep an eye on your immediate surroundings while operating at night.
STEALTH MODE	Go dark by enabling stealth mode to stop storing and sharing your GPS position and disable wireless connectivity and communication.
DUAL-POSITION FORMAT	Easily sync your location with others by seeing both the universal transverse mercator and military grid reference system on the same screen.
KILL SWITCH	If security becomes an issue, the kill switch wipes the device of all user memory.
JUMPMASTER MODE	Calculate high-altitude release points according to military guidelines while navigating to your objective once you've jumped.
TACTICAL ACTIVITY	See time, pace, time of day, elevation and your location in both coordinate types.



Instinct[®] 2X Solar RUGGED GPS SMARTWATCHES

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PRODUCT COMPARISON:

	Instinct 2X Solar	Instinct 2 Solar	Instinct 2S, Instinct 2	Instinct Solar
Lens material	Power Glass [™] lens	Power Glass lens	Chemically strengthened glass	Power Glass lens
Case material	Fiber-reinforced polymer	Fiber-reinforced polymer	Fiber-reinforced polymer	Fiber-reinforced polymer
QuickFit [®] watch band compatible	•	•	•	•
Solar charging	•	•		•
Physical size	50 x 50 x 14.5 (mm)	45 x 45 x 14.5 (mm)	Instinct 2S: 40 x 40 x 13.3 (mm) Instinct 2: 45 x 45 x 14.2 (mm)	45 x 45 x 15.3 mm
Water rating ⁵	10 ATM	10 ATM	10 ATM	10 ATM
Wrist-based heart rate ³	•	•	•	•
Smart notifications ⁶	•	•	•	•
ABC sensors	•	•	•	•
Sleep score and insights	•	•	•	
VO2 max	•	•	•	
Recovery time	•	•	•	
Garmin Pay [™] contactless payments	•	•		
Multi-band GNSS	•			
Built-in flashlight	•			
Obstacle course activity	•			
Ballistics calculator	Tactical Editions only			

PRODUCT CONFIGURATIONS:

SCHEDULE B: 8517620050
HTS: 8517.62.0090

Instinct 2X Solar Series



AVAILABLE	INCLUDES	COUNTRY OF ORIGIN			
April 2023	Instinct 2X Solar series smartwatch, USB-C charging/data cable, documentation	Made in Taiwan. Cable made in Taiwan, China, Vietnam or Myanmar.			
DESCRIPTION	SKU	UPC	MRP (USD)	MRP (CAD)	
Instinct 2X Solar Graphite	010-02805-10	753759319380	\$449.99	\$599.99	
Instinct 2X Solar Flame Red	010-02805-11	753759319397	\$449.99	\$599.99	
Instinct 2X Solar Whitestone	010-02805-14	753759319427	\$449.99	\$599.99	
Instinct 2X Solar Moss	010-02805-15	753759319434	\$449.99	\$599.99	
TACTICAL EDITIONS Instinct 2X Solar Tactical Edition – Coyote Tan	010-02805-12	753759319403	\$499.99	\$669.99	
Instinct 2X Solar Tactical Edition – Black	010-02805-13	753759319410	\$499.99	\$669.99	

PHYSICAL SPECIFICATIONS:

Instinct 2X Solar

Unit dimensions (WxHxD):	50 x 50 x 14.5 (mm)
Lens material:	Power Glass™ lens
Bezel material:	Fiber-reinforced polymer
Case material:	Fiber-reinforced polymer
Display Size, resolution, type:	Custom, two-window design: 1.1" x 1.1" (27 x 27 mm) 176 x 176 pixels Monochrome, sunlight-visible, transfective memory-in-pixel (MIP)
Watch band:	Includes 26 mm silicone watch bands Adjustment band length: 123.7 mm Buckle band length: 102.2 mm Total length of bands: 225.9 mm
Wrist circumference:	Fits wrists with circumferences of 145–228 mm
Weight:	67 g
Battery type:	Rechargeable internal lithium-ion
Battery life:	Smartwatch: up to 40 days/unlimited with solar ¹ GPS: up to 60 hrs/145 hrs with solar ² All satellite systems: 40 hrs/65 hrs with solar ¹ All satellite systems + multi-band: 27 hrs/36 hrs with solar ² Max battery GPS mode: up to 150 hrs/unlimited with solar ² Expedition GPS activity: up to 60 days/unlimited with solar ¹ Battery saver watch mode: up to 100 days/unlimited with solar ¹
Water rating:	10 ATM ³
Wireless technologies:	BLUETOOTH® and ANT+® technologies

PACKAGING SPECIFICATIONS:

Instinct 2X Solar

Gift box dimensions (WxHxD):	3.6" W x 4.4" H x 2.8" D (91 x 112 x 70.5 mm)
Gift box weight:	5.2 oz (146 g)
Master carton dimensions (WxHxD):	15.1" W x 15.2" H x 15.9" D (384 x 378 x 403 mm)
Master carton weight:	21.4 lbs (9.7 kg)
Master carton quantity:	60



PRODUCT COPY:

Product copy can be downloaded from the [Dealer Resource Center](#).

VIDEOS:

INSTINCT 2X SOLAR









Instinct® 2X Solar RUGGED GPS SMARTWATCHES

NEW PRODUCT ANNOUNCEMENT

MERCHANDISING:

DUMMY UNITS

- | | | |
|---|---|--|
|  INSTINCT 2X SOLAR
Graphite:
010-M2805-00 |  INSTINCT 2X SOLAR
Whitestone:
010-M2805-04 |  INSTINCT 2X SOLAR
Tactical Edition – Coyote Tan:
010-M2805-02 |
|  INSTINCT 2X SOLAR
Flame Red:
010-M2805-01 |  INSTINCT 2X SOLAR
Moss:
010-M2805-05 |  INSTINCT 2X SOLAR
Tactical Edition – Black:
010-M2805-03 |

ACRYLIC PEDESTAL

This display is designed for small, narrow spaces and should be used inside a glass case. When featuring multiple products, pedestals may be merchandised side by side. Use with a dummy unit and small product card, both ordered separately.



Size: **2.875" W x 2.875" D x 0.709" H**
SKU: **M00-10769-00**

TRAY KIT SYSTEM



This display is great for small spaces and should be used inside a glass case. It displays up to two Garmin dummy units on each tray kit. For larger product assortments, tray kits may be merchandised side by side. Use with dummy units, small product cards, common features product cards, brackets, graphic back panels and trays, all ordered separately.



GRAPHIC BACK PANEL FOR THE TRAY KIT

Size: **7" W x 9" H**
SKU: **M00-00944-00**



SMALL TRAY
Size: **7" W x 6" D**
SKU: **M00-00527-00**

ACRYLIC NONPOWERED FREESTANDING DISPLAY WITH WHEELS



This display ships as one full piece with wheels, is nonpowered, great for small narrow spaces and includes a lock and key. These displays are fully customizable and fit a variety of Garmin products. It displays up to 12 Garmin dummy units. Use with dummy units, small product cards, common features product cards, brackets and the acrylic pedestals, all ordered separately.

Contact your inside sales rep or order administration representative to place an order for the display if you meet the order requirements.

SKU: **M00-10756-01**

Size: **16" W x 15" D x 68.5" H** (approximately)
Delivered by FedEx Freight
Weight in crate on pallet: **200 lbs** (approximately)
Dimensions on pallet: **48" W x 40" D x 80" H** (approximately)

INTERCHANGEABLE MERCHANDISING COMPONENTS THAT CAN BE USED ON THE PEDESTALS, TRAY KITS AND THE ACRYLIC NONPOWERED FREESTANDING DISPLAY:

WEARABLE BRACKET

Size: **1.5" W x 4.0" H**
SKU: **M00-10751-00**

TRAY KIT/ACRYLIC DISPLAY COMMON FEATURES PRODUCT CARD - WEARABLES



Size: **6.75" L x 4.0" H**
SKU: **M00-00817-00**

SMALL PRODUCT CARDS

Size: **2" H x 2.5" W**



INSTINCT 2X SOLAR
SKU: **M00-00961-00**

INSTINCT 2X SOLAR
TACTICAL EDITION
SKU: **M00-00962-00**

MERCHANDISING CONTINUED:

GARMIN BRANDED GRAY COUNTERTOP/FREESTANDING VIDEO DISPLAY

You can order these components to update your existing countertop or freestanding display: dummy units, brackets, SD™ card, product cards, common features product card and graphics. Contact your inside sales rep or order administration representative to place an order for the components or full display if you meet the order requirements.

Freestanding display
Size: 24" W x 60" T x 20" D



Countertop display
Size: 12" W x 17.75" T x 14" D



Final artwork is subject to change from images shown in the merchandising section. For more information on merchandising, please visit the Dealer Resource Center at Garmin.com.

COMPATIBLE APPS OVERVIEW:

GARMIN CONNECT™ APP



FITNESS AT YOUR FINGERTIPS

On mobile or web, Garmin Connect is the tool for tracking, analyzing and sharing health and fitness activities recorded by your paired Garmin device.

CONNECT IQ™ STORE APP



YOUR ONE-STOP SHOP FOR PERSONALIZING YOUR GARMIN DEVICE

The Connect IQ Store is your all-in-one source for personalizing compatible Garmin devices with free downloads of apps, widgets, watch faces, data fields, music streaming services and more.

AB SYNAPSE™ - GARMIN APP



Easily create and send custom ballistic profiles to a compatible Garmin device, including full access to the Applied Ballistics® Bullet Library that contains more than 1,200 custom measured bullets.

GARMIN EXPLORE™ APP



MAP, TRACK, SYNC AND SHARE YOUR TREK FROM ANYWHERE

This all-in-one app is made for off-the-grid adventurers and outdoor enthusiasts alike. Download to your compatible smartphone so you can plan, navigate and review your next great adventure.

GARMIN GOLF™ APP



COMPETE, COMPARE, CONNECT

Give every round a tournament feel by competing with fellow golfers on more than 42,000 courses around the world.*

*Requires app to be loaded on a compatible smartphone.

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COMPATIBLE PRODUCT OVERVIEW:

INREACH® MINI 2
SATELLITE COMMUNICATOR



INREACH® MESSENGER
SATELLITE COMMUNICATOR



INDEX™ S2
SMART SCALE



XERO® A1 SERIES
BOW SIGHTS



ALPHA® 200 SERIES
HANDHELDS



See Garmin.com for details and available devices.

COMPATIBLE ACCESSORY OVERVIEW:

	SKU	UPC	MSRP	DESCRIPTION	IMAGE
Charging/data cable USB Type-A connector (0.5 m)	010-12491-01	753759176860	\$24.99	Recharge and transfer data by using your computer's USB port. This cord also pairs with optional AC adapter (sold separately).	
Charging/data cable USB Type-C connector (1.0 m)	010-13278-00	753759306014	\$24.99	Connect this 3' cable to your USB-C AC adapter (sold separately) to recharge your compatible device.	
HRM-Pro™ Plus monitor	010-13118-00	753759300883	\$129.99	Never miss a beat with the HRM-Pro Plus premium chest strap heart rate monitor. It provides accurate heart rate data, running dynamics plus pace and distance for indoor runs.	

26 MM WATCH BANDS		SKU	UPC	MSRP (USD)	IMAGE
NEW	Graphite silicone band	010-13295-00	753759319700	\$39.99	
NEW	Flame Red silicone band	010-13295-01	753759319717	\$39.99	
NEW	Coyote Tan silicone band	010-13295-02	753759319724	\$39.99	
NEW	Black silicone band	010-13295-03	753759319731	\$39.99	
NEW	Whitestone silicone band	010-13295-04	753759319748	\$39.99	
NEW	Moss silicone band	010-13295-05	753759319755	\$39.99	

The Instinct 2X Solar smartwatch is also compatible with QuickFit® 26 watch bands. For more information on compatible accessories, please visit the product page at Garmin.com.

¹Assumes all-day wear with 3 hours per day outside in 50,000 lux conditions
²When paired with your compatible smartphone. For safety and tracking feature requirements and limitations, see Garmin.com/safety
³Activity tracking accuracy
⁴This is not a medical device and is not intended for use in the diagnosis or monitoring of any medical condition; see Garmin.com/ataccuracy. Pulse Ox not available in all countries.
⁵See Garmin.com/waterrating
⁶When paired with your compatible smartphone
⁷Assumes continuous use for entire period in 50,000 lux conditions

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