Velvera Watch Series — Product Specification Document

Overview

The **Velvera Watch Series** represents the next generation of smart wearables, combining advanced health monitoring features, premium materials, and seamless connectivity. Designed for both everyday users and fitness enthusiasts, Velvera Watches ensure you stay connected and empowered throughout your day.

Available Models

Model	Display Type	Health Features	Battery Life	Connectivity	Price (INR)	Price (USD)
Velvera Watch Standard 42mm	1.7" AMOLED	Heart Rate, Sleep, Steps	5 days	Bluetooth	19,999	$239
Velvera Watch Standard 46mm	1.9" AMOLED	Heart Rate, Sleep, Steps	6 days	Bluetooth	22,999	$279
Velvera Watch Deluxe 42mm	1.7" LTPO AMOLED	ECG, SpO , Stress, GPS	7 days	LTE + Bluetooth	32,999	$399
Velvera Watch Deluxe 46mm	1.9" LTPO AMOLED	ECG, SpO , Stress, GPS	8 days	LTE + Bluetooth	36,999	$449
Velvera Watch Premium 49mm	2.1" Sapphire AMOLED	All Pro features + Diving mode	10 days	Satellite + LTE	54,999	$659

Color Options

- Midnight Black
- Silver
- Gold

- Rose Gold
- Ocean Blue

Detailed Specifications

1. Display

Model	Size	Type	Resolution	Protection	Always-On
Standard 42mm	1.7"	AMOLED	390 x 390 px	Corning Gorilla Glass	Yes
Standard 46mm	1.9"	AMOLED	420 x 420 px	Corning Gorilla Glass	Yes
Deluxe 42mm	1.7"	LTPO AMOLED	430 x 430 px	Sapphire Crystal	Yes
Deluxe 46mm	1.9"	LTPO AMOLED	468 x 468 px	Sapphire Crystal	Yes
Premium 49mm	2.1"	Sapphire AMOLED	502 x 502 px	Sapphire Crystal	Yes

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2. Health & Activity Features

- **Standard Models (42mm & 46mm):**
    - Real-time Heart Rate Monitoring
    - Sleep Tracking (Deep, Light, REM)
    - Step Counter (Pedometer)
    - Calorie Burn Estimation
- **Deluxe Models (42mm & 46mm):**
    - ECG Measurement
    - SpO Monitoring
    - Stress Detection
    - Multi-sport Fitness Modes
    - Integrated GPS
- **Premium Model (49mm):**
    - All Deluxe Features
    - Advanced Diving Mode (Water Resistant up to 100m/10ATM)
    - Emergency SOS
    - Altimeter & Barometer
    - Skin Temperature Sensor

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3. Connectivity

Model	Bluetooth	LTE	Satellite	Wi-Fi	NFC	GPS
Standard 42mm/46mm	5.2	No	No	Yes	Yes	No
Deluxe 42mm/46mm	5.3	Yes	No	Yes	Yes	Yes
Premium 49mm	5.3	Yes	Yes	Yes	Yes	Yes

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4. Battery

Model	Typical Battery Life	Charging Method	Fast Charging
Standard 42mm	5 days	Magnetic Pogo Pin	Yes (50%/30min)
Standard 46mm	6 days	Magnetic Pogo Pin	Yes
Deluxe 42mm	7 days	Wireless Charging	Yes
Deluxe 46mm	8 days	Wireless Charging	Yes
Premium 49mm	10 days	Wireless Fast Charge	Yes (80%/40min)

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5. Build & Durability

- **Case Material**: Aluminum (Standard, Deluxe), Titanium (Premium)
- **Water Resistance**:
    - Standard/Deluxe: 5 ATM (50m)
    - Premium: 10 ATM (100m), Designed for Diving
- **Strap Options**: Fluoroelastomer, Leather, Milanese Loop, Ocean Band
- **Weight**:
    - Standard 42mm: 38g
    - Standard 46mm: 42g
    - Deluxe 42mm: 40g
    - Deluxe 46mm: 44g
    - Premium 49mm: 56g

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6. Sensors

- Heart Rate (PPG)

- ECG Sensor (Deluxe and Premium)
- Pulse Oximeter (SpO)
- Accelerometer
- Gyroscope
- Barometer (Premium)
- Ambient Light Sensor
- Compass (Deluxe & Premium)
- Skin Temperature Sensor (Premium)

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7. **Software & Compatibility**

- **Operating System**: Velvera OS 4.0
- **Supported Devices**: Android 9.0+, iOS 13+
- **App Ecosystem**:
    - Velvera Health
    - Velvera Fitness
    - App Store Support (select apps)
- **Voice Assistant**: Velvera Voice, Google Assistant, Siri (via paired device)
- **Notifications**: Calls, Messages, Email, Apps
- **Watch Faces**: 100+ Customizable Options

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8. **Additional Features**

- Customizable Widgets & Complications
- Music Playback & Storage (Up to 8GB)
- Wireless Payments (NFC)
- Camera Shutter Control
- Find My Phone
- Emergency SOS (Premium)
- Diving Computer (Premium)

Package Contents

- Velvera Watch [Model]
- Magnetic Charging Cable / Wireless Charger
- Quick Start Guide
- Additional Strap (Ocean Band for Premium)

Warranty & Support

- **Standard Warranty**: 1 year (manufacturer defects)
- **Premium Support**: Available for Premium model (24/7 concierge hotline)

Certifications

- CE, FCC, IP68, 5ATM/10ATM (as per model)

Contact

For sales inquiries or after-sales support, please visit [company website] or call 1-800-VELVERA.

Velvera — *Technology, Refined. Life, Elevated.*

Crafted with precision. Powered by innovation. Designed for tomorrow.