



DEFY EVERYDAY

The dust, water and drop proof phone that's at home in the city, on the ocean or at the summit. Designed for people who defy everyday and demand a phone that does the same.



Drop proof up to 1.8m

Engineered to withstand the impact of repeated drops on any side or corner.²



Fully waterproof

The unique dual seal design hidden inside the device gives full underwater protection up to 1.5m for 35 minutes.¹



Dust & sand proof

From beach to the trail, go wherever without ever being affected by dust or sand.¹



48 MP

48MP camera with quad pixel technology

Capture sharper, brighter photos in any light and from any angle.



2-day battery on a single charge

Thanks to a power-packed 5000mAh battery.³



Responsive performance

Qualcomm® Snapdragon™ 662 octa-core processor plus 4GB of RAM.





TECHNICAL SPECIFICATIONS

DESIGN:

Dimensions: 169.8 x 78.2 x 10.9mm

Weight: 232g

Physical Keys: Programmable Key with PTT Mode, physical power and volume (up/down)

Available Colors: Black & Forged Green

RUGGED CREDENTIALS:

Ingress Protection: Ingress Protection (IP68):

Sand, dust, dirt, water, humidity and salt mist resistant¹

Waterproof: Up to 1.5m (5ft) for 35 minutes; Dual-sealed housing¹

Drop-proof: Up to 1.8m (6ft) onto steel; Structurally reinforced PCB; High quality lanyard to reduce drops²

MIL SPEC 810H:

Resistant to Vibration: Category 4

Resistant to humidity and salt mist

Thermal shock: handles low to high temperature differences between -30°C (-22°F) to 75°C (167°F) for up to 30mins

HYGIENE:

Washable with soaps & disinfectants

BATTERY:

Capacity: 5000mAh non-removable

Charger: 20W TurboPower™ charging; USB Type C waterproof port

Battery Life: Up to two days of battery life³

PERFORMANCE:

Operating system: Android 10 (with upgrade to 11)

CPU: Qualcomm SD662 2GHz octa-core processor

GPU: Adreno 610

Memory: 4GB RAM

Internal Storage: 64GB ROM, microSD⁵

Biometrics: Fingerprint sensor

Sensors: Proximity, Ambient Light, Accelerometer, Gyro, eCompass, GPS

CAMERAS:

Main camera: 48MP f/1.8 main sensor + 2MP depth + 2MP macro

Front camera: 8MP front camera

DISPLAY:

Size: 6.5" HD+ protected by 0.7mm thick Corning® Gorilla® Glass Victus™ and 0.5mm recess

Usable with wet fingers

Resolution: HD+ (1600x720)

Aspect ratio: 20:9

CONNECTIVITY:

Bands/ Network: 4G LTE CAT 4, VoLTE, VoWiFi

[bands: LATAM: 1/2/3/4/5/7/8/19/28/66

or EMEA: 1/2/3/5/7/8/18/19/20/26/28/38/40/41]

3G HSPA+ [bands: 1/2/4/5/6/8 or 1/2/5/8/19]

2G GSM [bands: 2/3/5/8]

Max Download speed: 150Mbps⁴

Wi-Fi: Wi-Fi 2.4GHz, 5GHz (A/B/G/N/AC)

Bluetooth: Bluetooth 5.0

NFC: Yes

SIM: Nano SIM, Single & Dual SIM

Screen Mirror: Via ChromeCast

AUDIO:

Speakers: 1

Headphone jack: 3.5mm headset jack

Microphones: 2

High performance super linear speaker

EXPERIENCES:

Moto Display, Moto Actions

IN-BOX:

Charger & Type C USB Cable

SIM Tool

Lanyard

QSG & Warranty Card

Headphones (SKU dependent)

¹ IP68 Certified: Dust proof and fully waterproof for up to 1.5 meters for 35 minutes. If used in salt water, rinse the device afterwards, including the audio jack and the USB connector, to avoid salt corrosion.

² Drop-proof up to a height of 1.8 meters.

³ Battery life: Battery times (talk time, standby time, and more) are based on 3G and are subject to network and phone usage.

⁴ Upload and download speeds depend on network availability, geography and carrier rules regarding data usage.

⁵ Available storage may be less due to phone software.

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