

"Battery & Charging Testing Conditions"

Testing Conditions for YouTube Playback & Charging

Preconditions:

1. Battery must be 100% charged.
2. Screen brightness set to 100%.
3. No SIM card inserted; Wi-Fi only.
4. Bluetooth, Hotspot, and Adaptive Brightness turned off.
5. Screen Timeout set to maximum; Auto Rotation disabled.
6. Screen Refresh Rate at Maximum.
7. Volume at 100%.
8. Play Store and all apps updated.

YouTube Playback Test Process:

- Video quality: Auto.
- Play video in full-screen, zoomed mode.
- Battery logs started before testing.
- Test ends at 0% battery; logs pulled for reporting.
- Stream "Aaj Tak Live News" on YouTube.

Charging Test Process:

- Charge only at 0% battery.
- Start logs after powering on.
- Keep phone idle (screen off) until 100% charge.
- Logs determine charging duration.

Note:

- For Android 13: Use *Battery Logs.apk*.
- For Android 14: Use *Battery Logs_A14.apk*.

Standby & Talk Time Testing

Standby Time Testing Process:

1. Insert both SIM cards.
2. Connect the power analyzer to the battery connector of the test device.

3. Select the NW Mode (2G/3G/4G/5G) with Data ON.
4. Lock the device and push the power button to enter the sleep mode.
5. Wait for 30~60 seconds to idle the device.
6. Start measuring current post stable the device NW and do continue measure till 30 minutes in each NW mode.
7. After measuring the average current of 30 minutes then calculate the standby time by using the formula “ **Standby time (H) = Battery Nominal Capacity (mAh) / Standby current (mA)** “

Talk Time Testing Process:

1. Insert both SIM cards
2. Connect the power analyzer to the battery connector of the test device.
3. Select the NW Mode (2G/3G/4G/5G) with Data ON.
4. Start calling in receiver mode.
5. Enable the P-Sensor by using any object to cover the P-Sensor area.
6. Wait for 30~60 seconds to idle the device.
7. Start measuring current post stable the device NW and do continue measure till 30 minutes in each NW mode.
8. After measuring the average current of 30 minutes then calculate the talk time by using the formula **Talk time (H) = Battery Nominal Capacity (mAh) / Calling current (mA)**

Charging and Battery life claims (including Screen-On Time, Standby Time, Talk Time, and Usage Time) are based on results obtained under standardized laboratory testing conditions. Actual battery or talktime performance may vary significantly based on a range of factors, including but not limited to device settings, network conditions, signal strength, usage patterns, installed applications, ambient temperature, and charging habits. Individual user experiences may differ from the results obtained in laboratory conditions. Battery degradation over time is normal and expected due to the nature of battery technology. The

advertised battery life or talktime is intended to provide a general guideline and does not constitute a guarantee of performance under all conditions.