

SUPERVOOC Flash Charge: Revolutionising smartphone charging

In an era where the smartphone market is fiercely competitive, one aspect has emerged as a defining factor in user experience: charging speed. Acknowledging this pivotal need, OPPO, a prominent player in the smartphone industry, has elevated the concept of rapid charging to a new dimension with its groundbreaking SUPERVOOC Flash Charge technologies.

Over the past fifteen years, smartphones have undergone remarkable advancements, yet the quest for efficient and swift charging has remained an ongoing challenge. Amidst the race for cutting-edge hardware specifications, the efficiency of the charging process often holds the key to user satisfaction. In a world where smartphones serve as indispensable tools for an array of tasks, a reliable battery life assumes paramount importance. Enter OPPO's SUPERVOOC Flash Charge technology, poised to redefine the charging experience by introducing unprecedented innovations that effectively alleviate users' charging anxieties.

In the ever-evolving landscape of smartphones, fast charging has emerged as a crucial feature in recent releases. However, the lack of a standardised definition for 'fast charging' has led to a proliferation of diverse charging standards on the market. The assumption that any generic fast charger will suffice for any device is fallacious, as optimal compatibility relies on selecting a fast charger tailor-made for a specific smartphone.

Smartphone manufacturers engage

in a constant battle of specifications, often termed the 'number game' by tech influencers. Metrics such as RAM, storage, megapixels, battery life, and charging efficiency all contribute to consumers' purchasing decisions. The question, "Will the battery last long enough?" has become a common concern among users today.

Amid this landscape, OPPO's SUPERVOOC technology has emerged as a game-changer. Conceived from a relentless pursuit of innovation, it



8T, OnePlus 9 Pro, and others have also embraced cutting-edge charging technologies that promise rapid power restoration. Each brand takes a distinct approach to optimizing the charging experience, focusing on minimizing heat, enhancing retention speed, and incorporating wireless facilities. Continuously pushing boundaries, OPPO showcased a 240-watt SUPERVOOC Flash Charge technology at the 2022 Mobile World Congress in Barcelona, setting a record-breaking industry speed by fully charging a battery in just nine minutes.

The advent of SUPERVOOC has heralded significant advancements in smartphone charging. OPPO's pioneering approach has positioned the company as a frontrunner in the fast-charging domain. Collaborating with over 23 companies, OPPO's ecosystem approach underscores its commitment to democratizing enhanced charging experiences. This inclusivity ensures that rapid and efficient charging is accessible to a wider audience.

A hallmark of SUPERVOOC technology is its ability to enable rapid charging without overheating, all while maintaining optimal device performance. Unlike some standards that limit charging power during device use, SUPERVOOC channels maximum power regardless of the device's operational state. This intelligent technology also incorporates multi-layered protection, safeguarding key components such as the adapter, charging cable, cellphone, and battery with intelligent chips. Furthermore, the power supply halts automatically upon reaching a full charge, preventing overcharging.

introduces an unprecedented level of speed and convenience to charging systems, effectively relegating charging anxiety to the past. But the pivotal question remains: how fast is it truly?

SUPERVOOC achieves its blazing charging speeds by employing a unique combination of high-voltage and low-current charging. This innovative approach necessitates proprietary adapters and cables. Through intelligent algorithms and high power levels, SUPERVOOC provides rapid charging without causing battery overheating. This distinctive approach makes it one of the fastest charging technologies available, capable of delivering up to 67 watts or other variations of charging power. Notably, using a non-OPPO cable with an OPPO adapter results in slower charging due to the company's emphasis on boosting charging current rather than voltage—a strategy that demands a thicker cable for optimal results, setting it apart from many other standards that prioritize voltage.

The term 'SUPERVOOC Flash Charge' encapsulates a range of charging speeds. For instance, the OPPO A78 smartphone boasts 67-watt SUPERVOOC ultra-fast flash charging technology. Whether after a long day of work or capturing numerous photos at a family event, the battery life depletion of this phone can be replenished from 0% to 43% in a mere 15 minutes of charging. A full 100% charge requires only 45.37 minutes.

Leading smartphone brands like Samsung Galaxy S23 Ultra, OPPO Reno

