

# VOOC charger kickstarts the era of fast charging for mid-range smartphones

In some cases, we miss the moment or connect just because of slow charging. Fast charging is a technology that brings many practical benefits to smartphone users and is considered by experts to be a competitive advantage between brands in the mid-range segment.

## The "obvious" benefit of fast charging

"In 2012, fast charging technology at that time was really" luxurious "and I encountered a lot of cases when I was away on business. I had to take advantage of lunch and coffee to charge the battery because I had to use electricity. phone, the battery runs out very fast but has to move continuously. At the airport, the line of people waiting in line to charge the phone because there are so few power outlets, really inconvenient. " Mr. Duc Trung - mod forum tinhte.vn, shared in the Roundtable Technology - RealMe RealTalk program.

The battery is the slowest component in the market, while smartphones are getting more and more advanced, adding more features, even more and more cameras are being integrated. To ensure the user experience, if the manufacturer increases the larger battery capacity, it will take more time to charge. Experts highly appreciate fast charging technology because it brings great value to the user experience, avoiding wasting time worrying about charging the battery, especially maintaining a connection at unexpected battery draining times, and very convenient for those who travel often.



Oppo Find 7 with the first VOOC charger for 4 times faster charging speed

Of course, the research, manufacturing and integration of fast charging technology is quite high, mostly for high-end smartphones. The VOOC fast charging time, which was commercialized on OPPO Find 7, created the concept of "fast charging", triggering the most important factor, directly affecting the user experience.

### **VOOC charger kicks off the era of fast charging technologies**

"In 2014, OPPO launched the Find 7 with VOOC technology that delivers impressive charging speeds with 70-75% battery after only 30 minutes. Since that time, fast charging technology has been paying more attention and attention. After that, many smartphones were equipped, mainly on the processor platform of Qualcomm, followed by the technology of each brand. These technologies are mainly based on the principle of VOOC fast charging. " Mr. Duc Trung shared more.

When VOOC was first launched, a 3,000mAh battery was considered big at the time with a full charge time of only 50-60 minutes compared to 2 hours. VOOC fast charging is growing faster and safer, along with other proprietary technologies such as QuickCharge, Fast Charge, Super Charge Turbo, Super Charge . However, VOOC technology always shows its position. lead when making a difference in how it works as well as ensure the heat is low, increasing safety.



### **New generation VOOC charger is introduced**

If technologies use a method of pushing current and voltage to increase charger capacity, VOOC uses a constant voltage of 5V and enhances the current. Because of the high amperage, the charging cable is designed with 7-pin connector instead of 5-pins as standard. This makes the same thicker, larger wire to ensure a large current can flow. For example, the latest VOOC 4.0 technology has a voltage of 5V, a current of 6A, a total of 30W, which still gives faster charging speed than other brands' 40W total charger.

Also on the Roundtable Technology program, Mr. Cong Hau (Youtube The Pixel) shared: "I really like OPPO's VOOC technology - Realme, because it can both use the phone, it can also charge fast and it is also very safe with 5 levels of protection. This is no device on the market because when using the machine temperature increases, the current protection mode will cause the charging capacity to drop, even very hot. " .

After years of development with different versions, VOOC fast charging is also gradually integrated on attractive, cost-effective smartphones to more users. Realme 6 is also the first smartphone to use VOOC 4.0 fast

charging, 30W capacity in the segment of less than 6 million.

### **VOOC 4.0 on Realme 6 is a worthwhile upgrade**

VOOC 4.0 is the latest fast charging technology, an upgraded version of VOOC 3.0 and is equipped on Realme 6 and Realme 6 Pro. In terms of capacity, VOOC 4.0 is upgraded to 30W (5V / 6A) instead of 20W (5V / 4A) on VOOC 3.0, charging speed is also 12% faster. Using VOOC 4.0, Realme 6/6 Pro is the smartphone with the fastest charging speed in the mid-range segment. Both took 62 minutes to fully charge the 4,300mAh battery but still ensure the temperature at 35-36 degrees C.



Despite the attractive price, Realme 6 is still equipped with VOOC 4.0 fast charger

In addition, the VOOC 4.0 charger has a built-in VFC algorithm to optimize the final charge, while ensuring a large capacity to minimize charging time. Even, while charging, playing games also did not heat up. Obviously, VOOC 4.0 is the perfect fast charging solution for mid-range smartphones, attractive price, unfortunately this is a proprietary technology on OPPO and Realme phones.

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