

# Charging Effect and Temperature Test Report of iPhone 12 Charged by QB21

## 1. Test condition

- Room temperature 27.1°C
- Battery capacity 2,815 mAh
- Charging distance 45mm

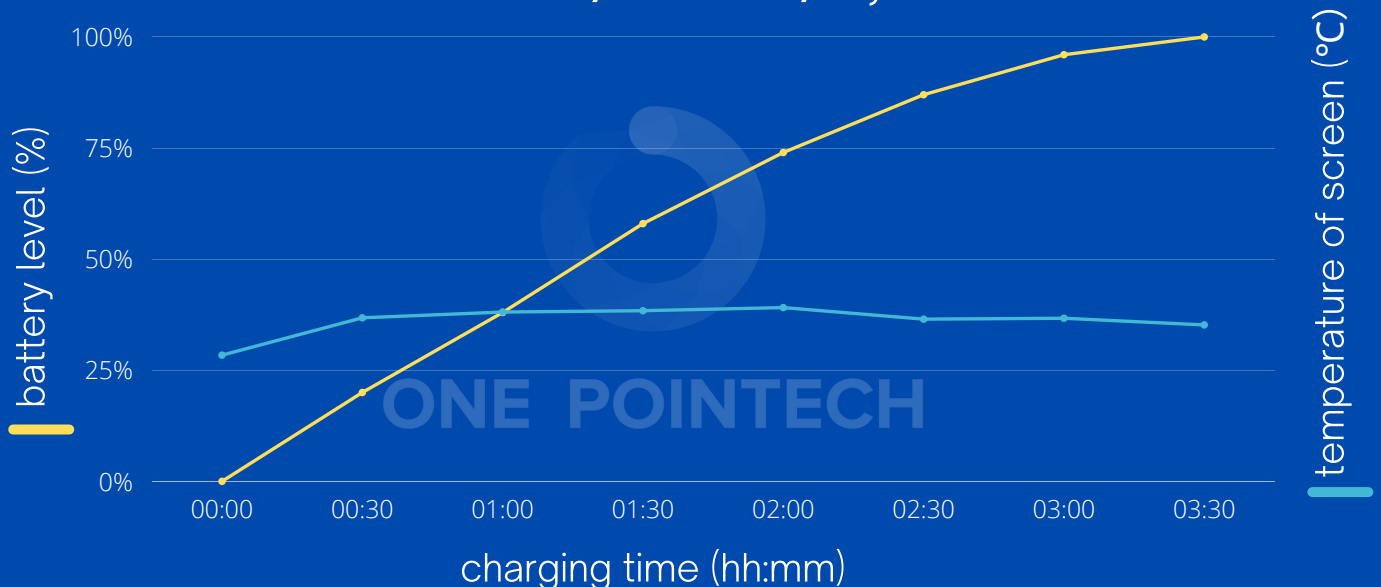
## 2. Test result

- Charging time from 0% to 100%: 3 hours and 30 minutes
- maximum temperature of phone screen: 39.5°C

## 3. Details

charging time (hh:mm)	battery level (%)	temp. of Screen (°C)
00:00	0%	28.4
00:30	20%	36.8
01:00	38%	38.1
01:30	58%	38.4
02:00	74%	39.1
02:30	87%	36.5
03:00	96%	36.7
03:30	100%	35.2

## iPhone 12/45mm/2,815mAh



# Charging Effect and Temperature Test Report of iPhone 12 Pro Max Charged by QB21

## 1. Test condition

- Room temperature 24.9°C
- Battery capacity 3,687 mAh
- Charging distance 45mm

## 2. Test result

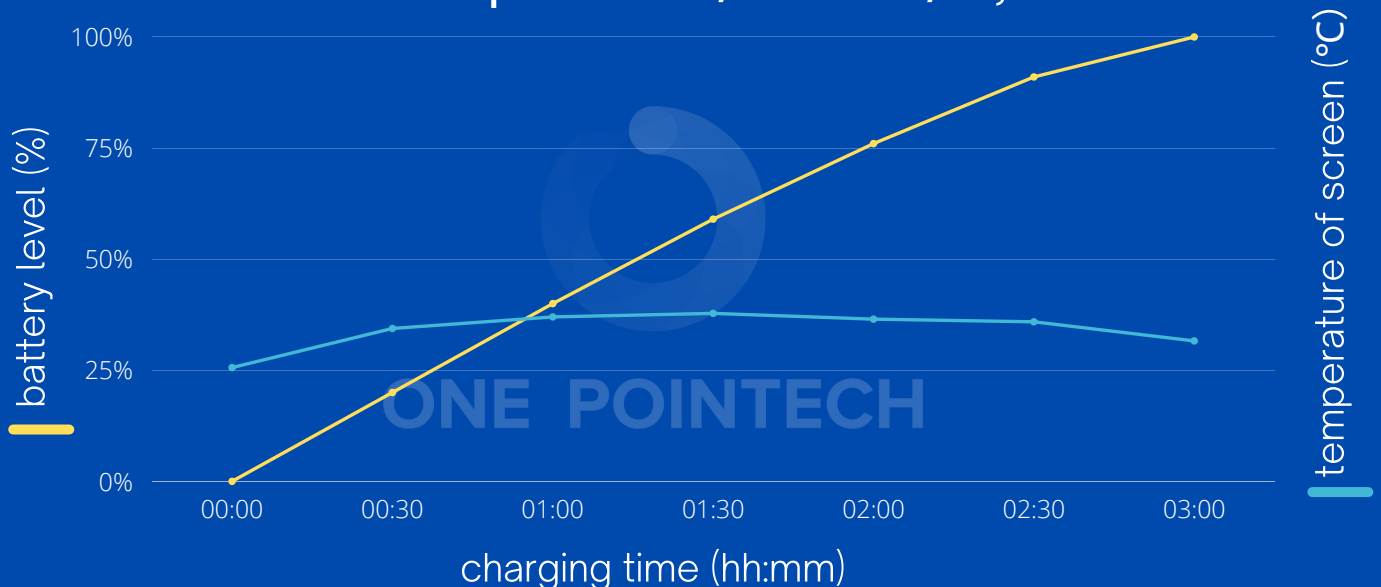
- Charging time from 0% to 100%: 3 hours
- maximum temperature of phone screen: 37.8°C

## 3. Details

charging time (hh:mm)	battery level (%)	temp. of Screen (°C)
00:00	0%	25.6
00:30	20%	34.4
01:00	40%	37.0
01:30	59%	37.8
02:00	76%	36.5
02:30	91%	35.9
03:00	100%	31.6

35.2

## iPhone 12 pro max/45mm/3,687mAh



# Charging Effect and Temperature Test Report of iPhone 12 Pro Max with MagSafe Case Charged by QB21

## 1. Test condition

- Room temperature 25.1°C
- Battery capacity 3,687 mAh
- Charging distance 45mm

## 2. Test result

- Charging time from 2% to 100%: 3 hours and 15 minutes
- maximum temperature of phone screen: 38.2°C

## 3. Details

charging time (hh:mm)	battery level (%)	temp. of Screen (°C)
00:00	2%	25.9
00:30	24%	36.6
01:00	42%	37.9
01:30	60%	38.0
02:00	78%	38.2
02:30	89%	35.9
03:00	99%	35.3
03:15	100%	33.9

## iPhone 12 pro max with MagSafe Case/45mm/3,687mAh

