



Quick Charge™ 3.0 Car Charger, Dual Port



Manual 84103

1.0 INTRODUCTION

This product is a high-performance car charger equipped with two USB output ports, one supports 5V/2.4A smart charging, and another is compliant with Qualcomm® Quick Charge™ 3.0 technology. With this car charger, it is feasible for you to charge any devices (eg: digital cameras, PDAs, mobile phones, USB accessories) in your car when it is in necessity. Two devices can be charged at the same time. It is helpful and convenient in a long time journey or a business trip.

2.0 FEATURES

- Allows the 12 -24VDC of input voltage
- 2 USB ports with different output:
 - ✧ **USB1:** 5V/2.4A, with intelligent IC detect output requirements of your device automatically

- ✧ **USB2:** Intelligent integrated circuit equipped measures output and automatically adjusts power outputs of 3~6.5V/3A, 6.5~9V/2A, and 9~12V/1.5A for charging fast and safety.
- Compliant with Qualcomm Quick Charge 3.0, charging speed is four times faster than normal charger.
- Accurate limited current output and over current protection.
- Over load protection and short circuit protection.
- Over temperature protection with auto-recovery.
- Select precision electrical components, fire lane version, and imported fire-resistant plastic materials.
- Light, smart and convenient to use.

3.0 SPECIFICATIONS

Input/Output	
Input	12~24V _{DC}
Input Plug	Cigarette Lighter
Output	USB1 (Smart): 5V DC 2.4A USB2 (QC 3.0): 3~6.5V/3A, 6.5~9V/2A, 9~12V/1.5A
Output Port	2 USB A/F
Performance	
Ripple And Noise	≤200mV
Efficiency	≥80%
Protection	
Over Current Protection	Yes
Overload Protection	Yes
Short Circuit Protection	Yes
Over Temperature Protection	Yes
Mechanical	
Color	White/Black
Size	30.1x68.3mm
Weight	29.38g
Environment	
Operating Temperature Range	0~30°C
Storage Temperature Range	-20~60°C
Operating Relative Humidity	30~90% RH.
Storage Relative Humidity	10~90% RH.
Certification	CE, FCC
Other	
MTBF	50000 Hours

NOTE:

- 1) More than 98% electronic products on the market can be charged via USB1
- 2) Charging speed is four times faster than the normal when charged via USB2

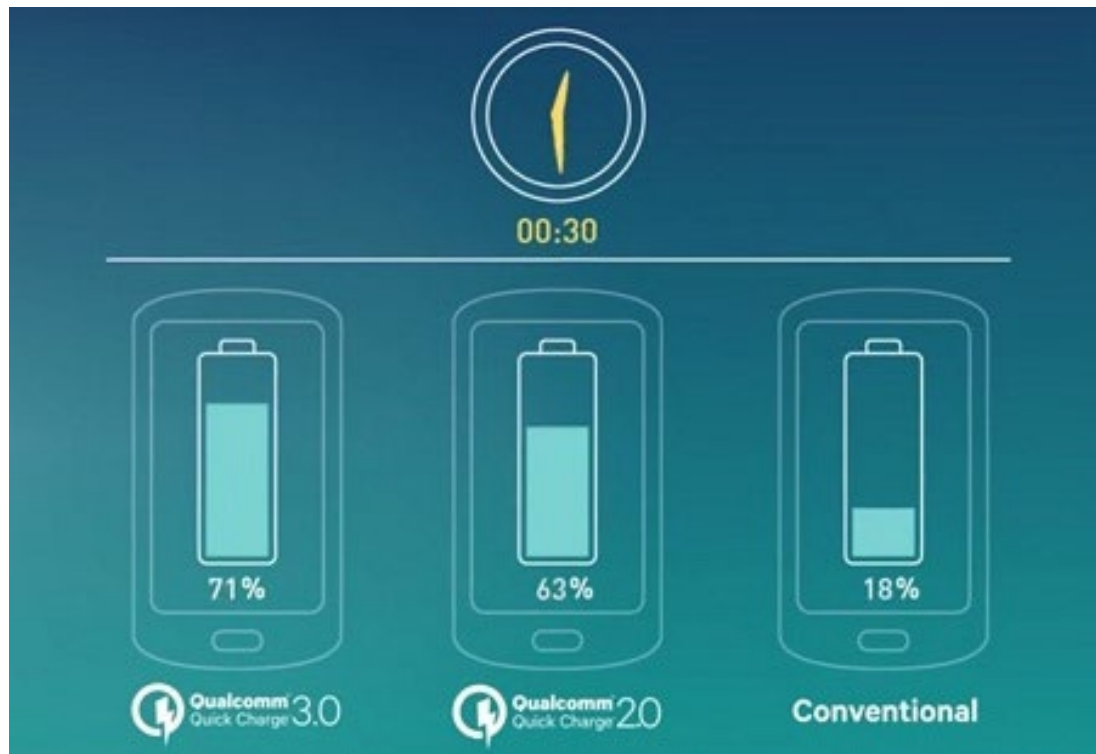
4.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit × 1
- User Manual × 1

5.0 CONNETION DIAGRAM





6.0 OPERATION

Operation Procedure

1. Plug the USB car charger into the car cigarette lighter, and LED light turns blue.
2. Plug the USB connector of the USB cable into the car charger's output interface, then plug the other end of the USB cable into the electronic devices (such as mobile phone, MP3, camera series).
3. Please pull the car charger out after the electronic devices are fully charged.

Operation Notes

1. Please plug the car charger after starting the car.
2. Please pull the car charger out after use or car flameout.
Note: Our products have protection functions, and the two tips above are suggestions just for safety.
3. Do not use the car charger with electronic products which own over-charging specifications, so as to avoid any problems caused by specification mismatching.
4. Car charger will be a little overheated in the use process, and it's a normal phenomenon under the normal room temperature of less than 65 degree Celsius.
5. When the car charger stops working under over-current, over-temperature or short-circuit protection, please unplug the device after it automatically returns to work. Please check whether the device is compatible with this charger.
6. Do not place or storage the car charger close to fire, such as stove, candles etc.
7. Do not place or storage the car charger soak into liquid, such as swimming pool, bathtub, etc.
8. Do not wash the car charger with corrosive cleaner.
9. If the car charger cannot work properly, please contact the store or distributor in your area.

Hereby ASSMANN Electronic GmbH, declares that this device is in compliance with the requirements of Directive 2014/30/EU and the Directive 2011/65/EU for RoHS compliance. The complete declaration of conformity can be requested by post under the below mentioned manufacturer address.

Warning:

This device is a class B product. This equipment may cause some radio interference in living environment. In this case, the user can be requested to undertake appropriate measures to prevent interference.

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