

INTRODUCTION

This USB fast-charge module integrates the most common 5V charging recognition function and provides compatibility for more than 99% of mobile phones on the market. Compared with other products without a charge recognition function, the charging current in the peak of this module can be triggered by the charging protocol, which greatly saves charging time. With steady output, this Fast Charge Module is able to work for a long time without voltage shift. It can be suitable for projects like mobile phone fast charging, Car charging retrofit, solar charger, DIY power source, etc.

FEATURES

Small in size

Support multiple fast-charging protocols

USB output

Can be used as a charging module or power supply

SPECIFICATION

Input Voltage Range: 6V-32V

Output Voltage: 3-12V Auto-adjust based on the fast-charging protocol (Default output 5V, the input should be 2V higher than the output)

Output Current: 0-3A

Chip Protection: input overvoltage, under-voltage protection, input overcurrent protection, output overcurrent, short circuit protection, machine over-temperature protection

Supported Fast Charging Protocol:

DCP protocol, BC1.2, Apple, Samsung

Huawei fast charging protocol FCP/SCP

supports spreadtrum fast charge protocol SFCP

Qualcomm QC2.0 and 3.0

MTKPE1.1/PE2.0

SHIPPING LIST

- DC-DC Fast Charge Module 6~32V to 5V/3A x1