GCP026-AP6606C Application Specification

Function Introduction

Support PD mode 5V/4A、9V/2A、12V/1.5A output

Support QC3.0\QC2.0\AFC\FCP PD
Apply the car to charge the phone(phone support PD/QC3.0\QC2.0\AFC\FCP protocol)
Overcurrent protection, overheat protection, overvoltage protection, short circuit protection
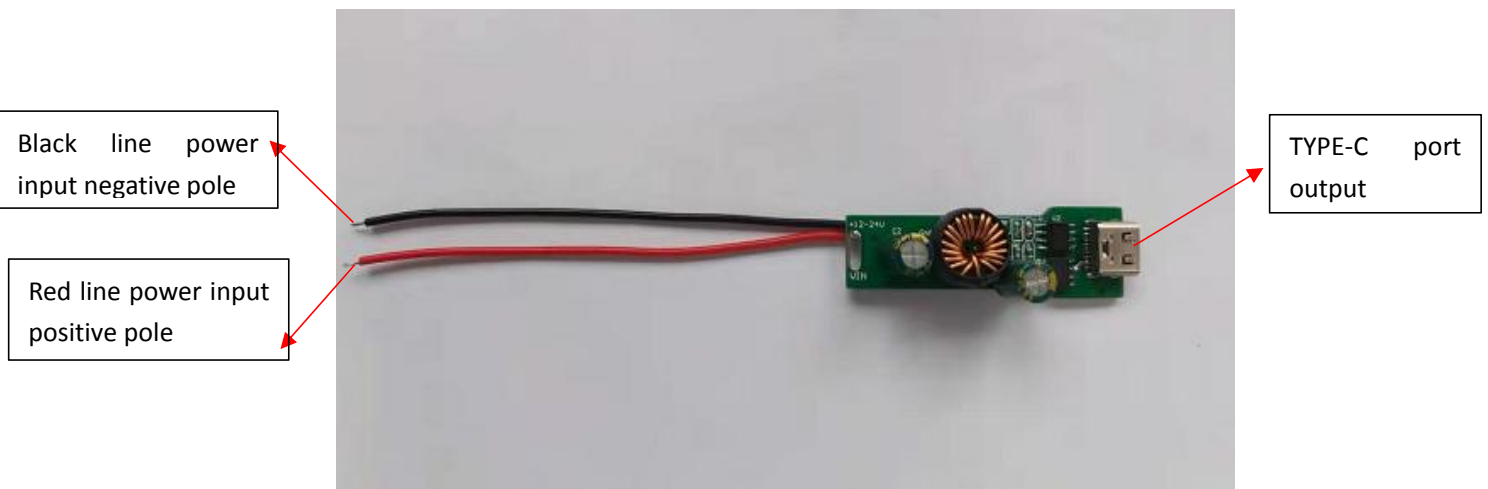
Product Parameter

Input voltage：12-24V(DC)

Output：DC5V/4A 9V/2A 12V/1.5A

Output power：20W

PCB size：50*15MM

Product Display

Black line power input negative pole

Red line power input positive pole

TYPE-C port output

Using Instruction

1、 When using it, please insert the protocol devices which support PD\QC3.0\QC2.0\FCP\AFC , the module will automatically recognize and output the suitable way for charging.

Mode	PD	12-24V	5V/4A	9V/2A	12V/1.5A
	QC3.0/QC2.0	12-24V	5V/4A	9V/2A	12/1.5A
	FCP	12-24V	9V/2A		
	AFC	12-24V	9V/2A		

Attention:

1、 The input voltage can't be higher than 30V, the wiring must be connected right (red to the positive pole, black to the negative pole)

2、 Since there is no outer covering, you can't touch the inductor and IC when it's charging in case it is hot.

3、 When it is charging, keep the module clean and the bottom pad is insulated to prevent short circuit.

4、 When the module is overcurrent protected, the module will restart continuously. Please disconnect the device and the module will return to normal. When the module is overheated, the module will stop working. When temperature drops by 30 degrees, the module will return to normal operation automatically.