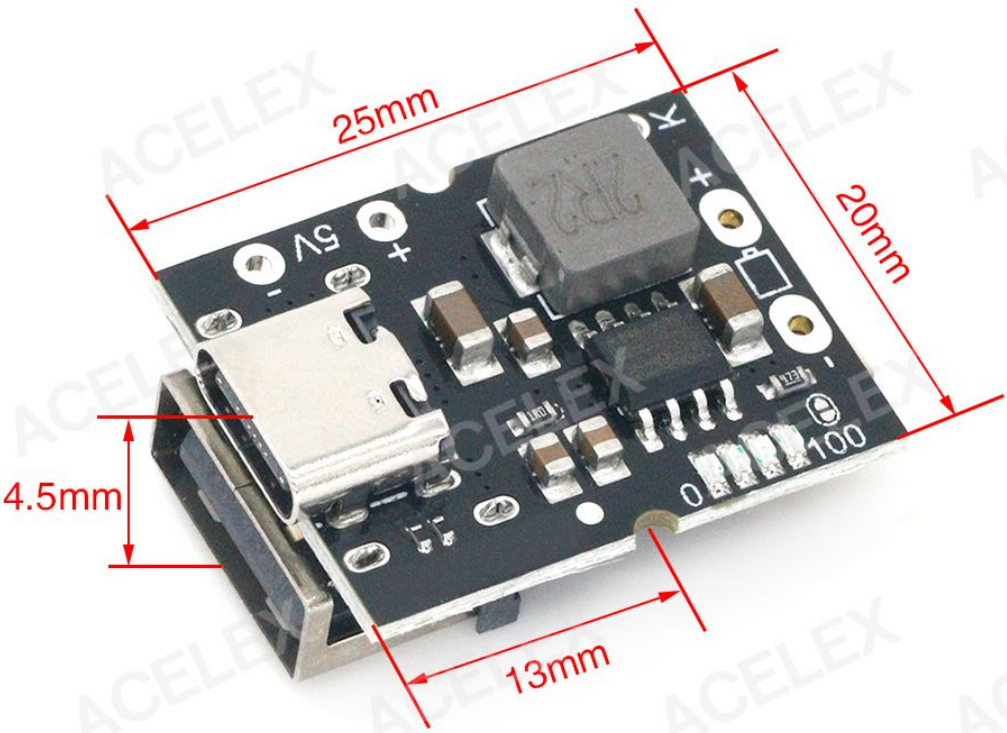
Product description

Product features: type–C input, high accuracy of charging voltage.
Note: power off operation is required to adjust the charging voltage setting; the usb–a base on the back of the module needs to be welded by the user, and we will provide a female base with the product.

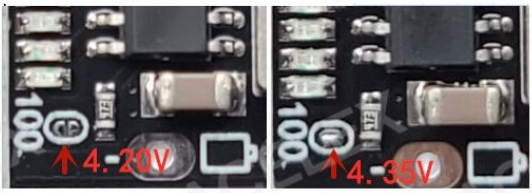


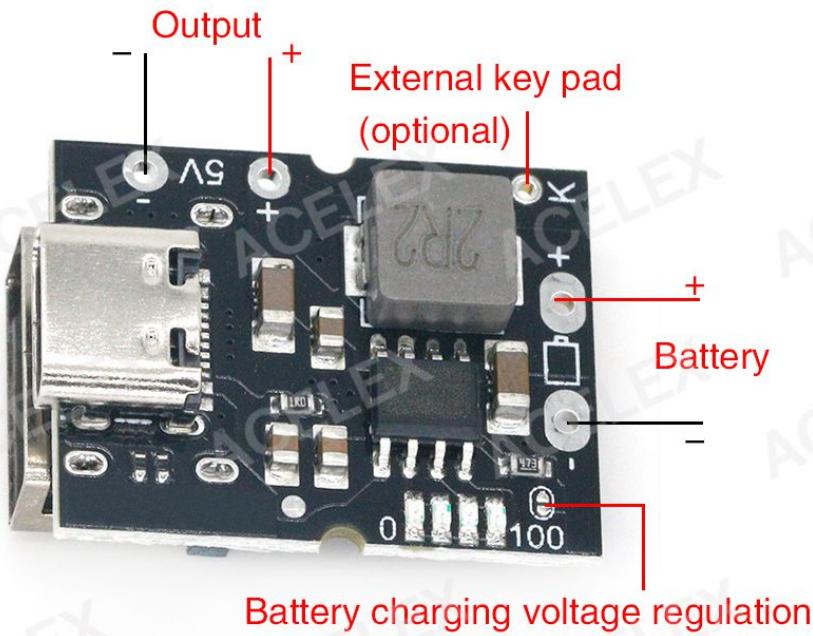
Product Parameter

Input voltage range	5 ~ 5.5V
Charging cut–off voltage	(4.2v/4.35v) ± 0.5%
Charging current	2.4A ± 5%
Boost output voltage	5V ~ 5.15v (line loss compensation)
Boost output voltage ripple	100mV
Boost output current	2A
Boost conversion efficiency	92.5% (3.6V input, 5v2a output)
Static current at battery end	< 30uA

Product Function

When the load current is less than 50mA continuously, the output will be turned off.
It supports the external key, which is connected to the K point and the output negative pole. Short press to turn on the power display and turn on the 5V output. Two consecutive short presses will turn off the power display and turn off the 5V output.
When the charging current drops to 100mA after reaching the final floating charging voltage, the charging cycle will be automatically terminated.
When the battery voltage drops below 4.1V, the charging cycle starts again.
When the battery voltage is lower than 2.8V, the battery will be pre charged with a current of 180mA.
The usb-a base welding position is provided on the back of the product, which can be installed manually.
It supports discharging while charging.
Description of charging voltage switching
As shown in the figure below, the voltage can be changed by adjusting the solder joint of the pad. Be sure to power off the operation!





Product Photos