

Product Features

1. Supports the PD 3.0 protocol, with up to 100W ultra-fast charging output per port
2. Wide-voltage DC 9–24V input, perfectly compatible with a variety of power sources
3. Solid-state capacitor design ensures stable operation, ideal for computers
4. Dual USB-A and Type-C ports; fast charging supported on either port
5. Equipped with a fuse and reverse polarity protection for the input, ensuring more stable performance

Product Specifications

Input Voltage: 9–30V (Recommended: 9–24V)

Input connector: DC 5.5 x 2.1 mm

Output voltage: Always lower than input voltage; for example, to output 20V/5A/100W, the input must be at least 22V

Output connectors: USB-A and Type-C ports

Supports PD 2.0/3.0

Supports PPS

Supports QC 2.0/3.0/4.0/4.0+

Supports FCP and SCP (10V), AFC, MTK, PE 1.1/2.0, BC 1.2; maximum support: 20V/5A (100W)

PD Profiles: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A; PPS: 3.3V–21V/3A

When the input voltage is below 20V, the output power will decrease proportionally to the input voltage

Notes

1. The buck converter supports up to 100W, with a maximum PD output of 20V/5A. It is primarily designed for high-power devices that support the PD protocol, such as computers. Since high-power charging for mobile phones typically requires proprietary protocols, this product does not support closed proprietary protocols. Therefore, when charging mobile phones, the common output power is around 20W, and some models may not support fast charging. This is not a product defect.

2. This module is step-down only. This means that if you want to output 20V, the input must be greater than 20V. Therefore, do not ask why a 12V input does not provide 100W. Ports A and C can output simultaneously, but fast charging is not supported. When outputting simultaneously, the power is distributed as 5V/2A and 5V/2A. Port C supports more protocols than Port A. If you find that your phone does not fast charge via Port A, try using Port C.

Package Contents

Module *1