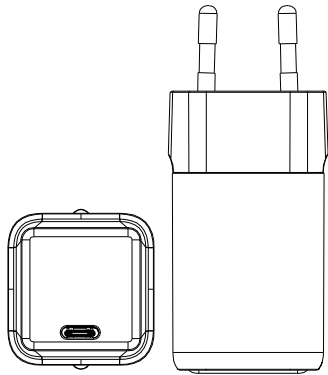


User Manual

Model:ZX-1U79EU



45W GaN PD/PPS Fast Charger

1.Product Overview

1-1 Introduction

1-2 Accessories

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2-1 Technical Parameters

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Thank you for choosing our USB-C PD Fast Charger. Please read the User Manual carefully before use. If you encounter any issues, please contact our customer service, and we will resolve them as soon as possible. We also welcome any suggestions you may have.

1.Product Overview

1-1 Introduction

1.45W USB-C PD Fast Charger

2.USB-C PD Technology: Supports a maximum power output of 45W.

3.USB-C PD 3.0 Technology:

- Charges up to 3x faster than standard chargers.
- Charges compatible devices to 80% in just 35 minutes.
- Wide voltage range: Adjusts dynamically from 5V to 20V.

4.Backward Compatibility: Supports all versions of Type-C charging technology(1.0, 2.0, and 3.0).

5.Universal Compatibility: Works with USB-C devices and provides standard charging for non-PD devices.

6. High Efficiency:

- Synchronous rectification technology.
- Up to 91% conversion efficiency.

7.Premium Build:

- Sleek & durable design.
- Effective heat dissipation.

8.Advanced Protection:

- Overload, over-voltage, over-temperature, over-current, and short-circuit protection.

9.Compact & Seamless Design:

- Unique appearance with a gapless construction.

10.Safety Assurance:

- High-quality materials and built-in safeguards protect against short circuits and power surges.

1-2 Accessories

- 45W single-port USB charger ×1
- Color box x1
- User Manual x1

2.Appearance Description

2-1 Technical Parameters

Input: 100-240V~ 50/60Hz 1.2A Max

Output:

USB-C: 5.0V≐3.0A (15.0W) or 9.0V≐3.0A (27.0W) or 12.0V≐3.0A (36.0W) or 15.0V≐3.0A (45.0W) or 20.0V≐2.25A (45.0W)

PPS: 5.0-11.0V≐4.05A (44.55W Max) or 5.0-16.0V≐2.8A (44.8W Max)

Total Power: 45.0W Max

2-2 Protection

1. Short-Circuit Protection (SCP):

- Automatically stops charging when a short circuit is detected to protect connected devices.

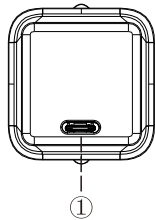
2. Overvoltage Protection (OVP):

- Activates if the voltage exceeds 20% above the standard level, cutting off power to prevent damage.

2-3 Material

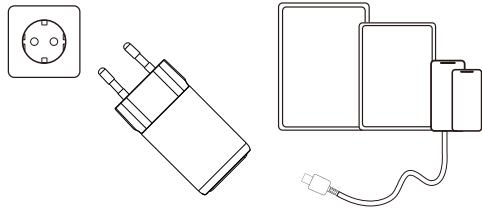
Plastic Housing: PC + Fireproof material

2-4 Appearance and Interface



①Output:

USB-C: 5.0V≐3.0A (15.0W) or 9.0V≐3.0A (27.0W) or 12.0V≐3.0A (36.0W) or 15.0V≐3.0A (45.0W) or 20.0V≐2.25A (45.0W)
PPS: 5.0-11.0V≐4.05A (44.55W Max) or 5.0-16.0V≐2.8A (44.8W Max)



3.Operation Instruction

As shown in the picture above, this 45W single-port Type-C charger can be connected to alternating current (AC) 100-240V via an EU plug. When operating without a load, its internal power consumption is approximately 0.1W.

USB-C Support:

Apple2.4A,Samsung 5V/2A,DCP1.5A,QC2.0,QC3.0, QC4+,AFC,FCP,SCP,PD3.0 PPS.

! Our product is suitable for use with a constant alternating current (AC) of 100–240V. Voltages outside this range are not supported.

For any inquiries, please feel free to contact us.
Manufacturer:
Shenzhen Zonsan Innovation Technology Co., Ltd.

