

AliExpress EU Product Compliance Manual (PoE to USB Type-C 20W Fast Charger PD + QC 3.0 802.3at Adaptor)

1. Product Basic Information

Product Name: PoE to USB Type-c 20W Fast Quick Charger PD + QC 3.0 802.3at Adaptor

Product Specification: This product is a PoE to USB-C adapter, compliant with IEEE 802.3at standard (PoE+), supporting PD and QC 3.0 fast charging protocols with a maximum output power of 20W[2][5]. It provides adjustable output voltages of 5V, 9V, and 12V to meet the charging needs of different USB-C devices. The adapter integrates PoE power reception and fast charging conversion functions, enabling simultaneous data transmission and power supply through Ethernet cables, simplifying wiring[2][3]. The shell is made of flame-retardant PC material, with compact size, easy to carry and install, and equipped with LED indicators to display power supply and working status[3].

Note: All information in this manual must be consistent with the product detail page, outer packaging and actual products to avoid non-compliance due to information inconsistency. The product complies with EU USB-C unification regulations, with detachable cables and clearly marked rated power[4].

2. Product Description & Usage Instructions

2.1 Product Function

This product is a professional PoE to USB-C fast charging adapter, designed to convert PoE power (compliant with IEEE 802.3at standard) into USB-C PD/QC 3.0 fast charging power. It is widely used for charging USB-C interface devices such as mobile phones, tablets, cameras, wireless APs, and network cameras[1][3]. It supports automatic detection of IEEE 802.3at/af standard PoE power supply devices (PSE), with intelligent power distribution, ensuring stable power supply and fast charging speed, while realizing synchronous Ethernet data transmission through network cables, reducing the need for separate power adapters and simplifying installation and deployment[2]. The adjustable output voltage (5V/9V/12V) can be adaptively matched according to the device's charging requirements, providing safe and efficient charging protection[3].

2.2 Usage Steps

1. Preparation: Ensure the PoE switch or PoE injector used is compliant with IEEE 802.3at standard (supporting 30W output power)[5]. Check that the product shell is intact, without cracks or damage, and the USB-C port and RJ45 port are clean and free of debris.
2. Connection: Connect one end of the Ethernet cable to the PoE port of the PoE switch/injector, and the other end to the RJ45 port of this adapter. Connect the USB-C cable to the adapter's USB-C port and the charging port of the target device (ensure the USB-C cable supports PD/QC 3.0 fast charging protocol and EU USB-C unification standards)[1][4].
3. Power-On & Detection: Turn on the power of the PoE switch/injector; the adapter's LED indicator will light up (specific indicator status refers to the product label), indicating that the connection is normal and power supply has started. The adapter will automatically detect the device and match the appropriate output voltage (5V/9V/12V) and charging protocol.
4. Charging Completion: After the device is fully charged, disconnect the USB-C cable from the device first, then disconnect the Ethernet cable from the adapter or PoE switch/injector to avoid damage to the device or adapter due to improper operation.

2.3 Usage Restrictions

1. This product is only compatible with PoE power supply devices (PSE) that comply with IEEE 802.3at standard; it cannot be used with non-PoE switches, PoE injectors that only support IEEE 802.3af standard (15.4W output), or other non-standard power supply devices, otherwise it may cause failure to supply power or damage to the product[2][5].
2. The maximum output power of the adapter is 20W; do not use it to charge devices that require more than 20W of charging power, to avoid overload, overheating, or damage to the device and adapter.
3. Do not use the product in humid, high-temperature (above 60°C), low-temperature (below -10°C) or dusty environments; avoid direct sunlight or contact with flammable and explosive materials, to prevent short circuit, fire or product damage[3].
4. The USB-C cable used must comply with EU USB-C unification regulations, be detachable, and support PD/QC 3.0 fast charging protocol; non-compliant cables may cause slow charging, unstable connection, or even safety hazards[4].
5. This product is a charging adapter, not a data converter; do not use it for data transmission scenarios beyond Ethernet and USB-C standard specifications, or for other purposes unrelated to charging and data transmission.

3. Safety Warnings & Precautions

Warning! Please read and follow all warnings and precautions carefully to avoid damage to the product, related equipment, or personal injury, fire, electric shock and other potential safety hazards. This product involves electrical energy transmission, and improper use may cause serious safety accidents.

1. This product is not suitable for children under 36 months old to use alone; keep it away from children to prevent accidental contact with electrical ports, chewing or disassembling, avoiding electric shock, suffocation or other hazards.
2. Do not disassemble, modify or repair the adapter by yourself; if there is a fault (such as no power supply, abnormal heating, abnormal noise, or odor), stop using it immediately, disconnect all connections, and contact after-sales service for professional maintenance. Unauthorized disassembly will void the warranty and may cause electric shock or fire[3].
3. Ensure the working environment is well-ventilated; do not cover the adapter with cloth, paper or other objects during use, to avoid overheating due to poor heat dissipation. If the adapter feels abnormally hot (exceeding 60°C), stop using it immediately and check for faults.
4. Do not touch the USB-C port, RJ45 port or internal components with wet hands or metal objects, to avoid short circuit and electric shock. Do not use corrosive liquids (such as alcohol, detergent) to clean the product; wipe it gently with a dry soft cloth when cleaning[3].
5. The product is equipped with surge protection, short circuit protection, overcurrent protection, overvoltage protection and overtemperature protection functions[3]. If the protection function is triggered (such as sudden power failure), disconnect the power supply, check the connection and equipment, and restart use after troubleshooting.
6. Keep the product away from open flames, high-temperature appliances (such as electric stoves, heaters) and flammable materials (such as gasoline, alcohol), to avoid fire hazards caused by overheating[3].
7. Do not pull the Ethernet cable or USB-C cable forcibly; hold the connector when plugging and unplugging, to avoid damage to the port or cable, resulting in poor contact or short circuit.

4. EU Compliance Information

4.1 Compliance Mark & Relevant Certifications

1. CE Mark: This product complies with the requirements of the EU General Product Safety Regulation (GPSR) (EU) 2023/988, Low Voltage Directive (LVD), Electromagnetic Compatibility Directive (EMC), and Energy-related Products Directive (ErP)[7]. The CE mark is clearly visible on the product shell, with a size not less than 5mm, no deformation or fading, and is permanently attached.
2. RoHS Compliance: This product complies with the EU RoHS 2.0 Directive (2011/65/EU) and subsequent amendments, and the content of hazardous substances (lead, mercury, cadmium,

hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers, etc.) meets the EU limit requirements, without containing prohibited hazardous substances[6][7].

3. USB-C Compliance: The product complies with EU USB-C unification regulations, is classified as an External Power Supply (EPS), has a detachable USB-C cable, supports USB-PD power transmission standard, clearly marks the rated power (20W) on the shell, and meets the EU minimum energy efficiency standards (especially the efficiency requirements under 10% load and no-load power consumption requirements)[4].

4.2 EU Authorized Representative (EC REP) Information

Company Name: CET PRODUCT SERVICE LTD.

Address: Osterholzallee 144, 71636 Ludwigsburg, Germany

Contact Information: Tel:+497-1416432236; Email address:info.cetservice@gmail.com

Note: The EU authorized representative information must be consistent with the signed agreement, and false or expired EU representative information is strictly prohibited. The EU authorized representative is responsible for receiving and handling inquiries and supervision matters from EU market supervision departments on behalf of the manufacturer.

4.3 Applicable EU Directives & Standards

1. EU General Product Safety Regulation (GPSR) (EU) 2023/988
2. Restriction of Hazardous Substances Directive (RoHS 2.0) 2011/65/EU
3. Low Voltage Directive (LVD) 2014/35/EU (applicable to electrical products with rated voltage between 50V and 1000V AC or 75V and 1500V DC)
4. Electromagnetic Compatibility Directive (EMC) 2014/30/EU (ensuring the product does not produce excessive electromagnetic interference and has good anti-interference performance)
5. Energy-related Products Directive (ErP) (EU) 2019/2020 (meeting EU energy efficiency requirements, reducing energy consumption)[7]
6. IEEE 802.3at Standard (PoE+ standard, supporting 30W PoE power supply)[2][5]
7. This product meets the relevant harmonized standards of the EU, and the technical documents (including Declaration of Conformity (DoC), material declaration, safety test report, energy efficiency test report, etc.) are kept for at least 10 years for inspection by EU market supervision departments.

5. After-Sales Guarantee

1. Warranty Period: In accordance with AliExpress platform requirements, the minimum warranty period is 30 days; it is recommended to provide a 90-day warranty period for this

product to improve customer trust.

2. Warranty Scope: During the warranty period, if the product has quality problems (such as failure to supply power, abnormal heating, LED indicator failure, port damage, inability to achieve fast charging, or non-compliance with EU standards) under normal use, we provide free replacement or refund services. The warranty does not cover damage caused by man-made factors (disassembly, modification, improper use, overload, collision, soaking), natural wear and tear, or damage caused by using non-compliant PoE devices, USB-C cables or power supplies[3].

3. After-Sales Contact: 【Please fill in your AliExpress store customer service email or AliExpress store link; it is not recommended to use domestic mobile phone numbers】

4. Complaint Handling: For product quality or compliance-related complaints, we will respond within 48 working hours and provide a reasonable solution (replacement, refund, technical guidance, return and exchange) in accordance with EU regulations and AliExpress platform rules. For complaints involving EU compliance issues, we will provide relevant technical documents and certification materials to assist in handling.

6. Other Instructions

1. Language Description: This manual is in English, which meets the AliExpress EU market language requirements. AliExpress has launched an AI translation function, which can automatically translate this manual into other EU official languages to meet the language requirements of different EU member states.

2. Disposal Instructions: This product is an electronic and electrical product, and its packaging is made of recyclable materials. After use, please dispose of it in accordance with the EU WEEE Directive (Waste Electrical and Electronic Equipment Directive) and local environmental protection regulations[7]. Do not discard it at will; it should be handed over to a professional electronic waste recycling agency for treatment to avoid environmental pollution. The detachable USB-C cable should be recycled separately in accordance with EU regulations[4].

3. Document Update: This compliance manual will be updated in a timely manner in accordance with the changes of EU regulations (such as USB-C unification regulations, energy efficiency standards) and AliExpress platform rules. The latest version shall prevail.

4. Compliance Commitment: We solemnly commit that this product and its packaging, instructions fully comply with the relevant regulations of the EU (including GPSR, RoHS, LVD, EMC, ErP, USB-C unification regulations) and AliExpress platform. If there is any non-compliance, we will bear all corresponding responsibilities (including product removal, fines, compensation for losses, etc.).

Manufacturer: Shenzhen Dister Photography Equipment Co., Ltd.

**Manufacturer Address: 4th Floor, West Block, Building 63, Majialong Industrial Zone,
Nanshan District, Shenzhen City**

（注：文档部分内容可能由 AI 生成）