PORTRONICS

ADAPTO 65X

65W Adapter with High Power Quick Charge

User Manual

Package Consists :

- Adapter 65X
- Type C Charging Cable
- User Manual

USB+Type-C PD GaN Charger/(1C1A-65W)

Input : 100-240V~ 50/60Hz 1.6A Max

Output Type-C : 5V3A,9V3A,12V3A,15V3A,20V3.25A(65W Max)

Output USB-A : 5V3A,9V2A,10V2.25A,12V1.5A(22.5W Max)

Output Type-C+USB-A : 45W+18W(63W Max)

45W Max : 5V3A,9V3A,12V3A,15V3A,20V2.25A

18W Max : 5V3A,9V2A,12V1.5A

Charging Power Description :

1. 1Port A and Port C each support independent fast-charging protocols.
2. When Port C is in use while Port A is not in use, Port C supports a maximum power of 65W.
3. When Port A is in use while Port C is not in use, Port A supports a maximum power of 22.5W.
4. When both Port C and Port A are used simultaneously, Port C provides 45W of power, while Port A provides 18W of power.

Fast charging protocols description :

1. USB-A Fast Charging Protocols (DCP/QC2.0/QC3.0/FCP/SCP/AFC/SFCP/MTK)

USB-A Fast Charging Protocols (DCP/QC2.0/QC3.0/FCP/SCP/AFC/SFCP/MTK) USB-A supports a range of fast charging protocols, including DCP (Apple and BC1.2), Qualcomm QC2.0/QC3.0, Huawei's fast charging protocol FCP & SCP, Samsung's fast charging protocol AFC (up to 12V), MTK's fast charging protocol (MTK PE+1.1 & MTK PE+2.0), and Spreadtrum™ Fast Charging Protocol (SFCP).

The USB-A chipset incorporates various protection functions, such as input over-voltage and under-voltage protection, output over-current, over-voltage, under-voltage, and short-circuit protection, among others.

Important Notice :

USB-A does not support Super VOOC fast charging for OPPO series phones (OPPO/ONEPLUS/REALME) due to the strict protection of the VOOC protocol by OPPO's private patents. OPPO has not yet made the VOOC protocol freely available to the public, and their authorized SUPER VOOC chips can only be used in their own products. Unauthorized use of their chip protocol may result in severe intellectual property law penalties. To our knowledge, all multi-port GaN adapters currently available in the market do not support SUPER VOOC fast charging through the USB-A port. A cracked or decoded version of USB-A SUPER VOOC for GaN adapters has not been developed yet. Therefore, the USB-A port on our GaN adapter supports the following protocols: DCP, QC2.0, QC3.0, FCP, SCP, AFC, SFCP, MTK, but not Super VOOC.

2. Type-C PD Fast Charging Protocols (Type-C PD2.0/PD3.0/PPS, QC4/QC4+/QC3.0/QC2.0, FCP, SCP, AFC, MTK PE+ 2.0/1.1, Apple , BC1.2)

USB-C supports multiple fast charging protocols, including USB Type-C DFP, PD 2.0/PD 3.0/PPS, HVDCP QC 4/QC 4+/QC 3.0/QC 2.0 (Qualcomm Quick Charge), FCP (Huawei Fast Charge Protocol), SCP (Huawei Super Charge Protocol), AFC (Samsung Adaptive Fast Charge), MTK PE+ 2.0/1.1 (MediaTek Pump Express Plus 2.0/1.1), Apple 2.4A, BC 1.2.

The USB-C chipset includes a variety of protection functions, such as input over-voltage and under-voltage protection, output over-current, over-voltage, under-voltage, short-circuit protection, NTC over-temperature protection, and more.

PORTRONICS