



**Instructions for the
CLEMM 100W CORE POWER ADAPTER**

Model: CWC-100-A3C-CGR



PACKAGE CONTENTS

- USB power adapter – 1 pc.
- User manual – 1 pc.

Purpose: Device for charging batteries of portable devices from an AC power outlet.

Product specifications and parameters:

Product size: 6.3 × 6.3 × 3.07 cm / 2.48 × 2.48 × 1.21 inch

Net Weight: 190 g / 0.44 lbs

Storage conditions:

Temperature: -4 °F to 185 °F / -20 °C to +85 °C

Humidity: 10% to 90% relative humidity (non-condensing)

Specifications:

Input voltage: 100–240 V ~, 50/60 Hz, 2.5 A max

USB-C1/C2 output: PD: 5 V = 3 A, 9 V = 3 A, 12 V = 3 A,
15 V = 3 A, 20 V = 5 A (100 W Max)
PPS: 3.3–11V = 5 A

USB-C3 output: PD: 5 V = 3 A, 9 V = 2.22 A,
12 V = 1.67 A (20 W Max)
PPS: 3.3–11 V = 2 A

USB-A1 output: QC: 5 V = 3 A, 9 V = 2 A,
12 V = 1.5 A (18 W Max)

USB-C1+C2: C1 PD: 5 V = 3 A, 9 V = 3 A,
12 V = 3 A, 15 V = 3 A, 20 V = 3.25 A
+ C2 PD: 5 V = 3 A, 9 V = 3 A,
12 V = 2.5 A, 15 V = 2 A, 20 V = 1.5 A,
65 W + 30 W (MAX 95 W)
C1 PPS: 3.3–11 V = 5 A

USB-C1/C2+C3: C1/C2 PD: 5 V = 3 A, 9 V = 3 A,
12 V = 3 A, 15 V = 3 A, 20 V = 3.25 A
+ C3 PD: 5 V = 3 A, 9 V = 2.22 A,

12 V = 1.67 A, 65 W + 20 W (MAX 85 W)
C1/C2 PPS: 3.3–11 V = 5 A

USB-C1/C2+A1: C1/C2 PD: 5 V = 3 A, 9 V = 3 A,
12 V = 3 A, 15 V = 3 A, 20 V = 3.25 A
+ A1 QC: 5 V = 3 A, 9 V = 2 A,
12 V = 1.5 A, 65 W + 18 W (MAX 83 W)
C1/C2 PPS: 3.3–11 V = 5 A

USB-C3+A1: C3 PD: 5 V = 1.5 A + A1 QC: 5 V = 3 A,
5 V = 3 A, 7.5 W + 7.5 W (MAX 15 W)

USB-C1+C2+C3 C1 PD: 5 V = 3 A, 9 V = 3 A, 12 V = 3 A,
15 V = 3 A, 20 V = 2.25 A + C2 PD:
5 V = 3 A, 9 V = 3 A, 12 V = 2.5 A,
15 V = 2 A, 20 V = 1.5 A + C3 PD:
5 V = 3 A, 9 V = 2.22 A, 12 V = 1.67 A,
45 W + 30 W + 20 W (MAX 95 W)
C1 PPS: 3.3–11V = 5 A

USB-C1+C2+A1: C1 PD: 5 V = 3 A, 9 V = 3 A, 12 V = 3 A,
15 V = 3 A, 20 V = 2.25 A + C2 PD:
5 V = 3 A, 9 V = 3 A, 12 V = 2.5 A,
15 V = 2 A, 20 V = 1.5 A + A1 QC:
5 V = 3 A, 9 V = 2 A, 12 V = 1.5 A,
45 W + 30 W + 18 W (MAX 93 W)
C1 PPS: 3.3–11 V = 5 A

USB-C1/C2+C3+A1: C1/C2 PD: 5 V = 3 A, 9 V = 3 A,
12 V = 3 A, 15 V = 3 A, 20 V = 3.25 A +
C3 PD: 5 V = 1.5 A + A1 QC: 5 V = 1.5
A, 65 W + 7.5 W + 7.5 W (MAX 80 W)
C1/C2 PPS: 3.3–11 V = 5 A

USB-C1+C2+C3+A1: C1 PD: 5 V = 3 A, 9 V = 3 A, 12 V = 3 A,
15 V = 3 A + C2 PD: 5 V = 3 A, 9 V = 3 A,
12 V = 2.5 A, 15 V = 2 A, 20 V = 1.5 A +

C3 PD: 5 V $\Rightarrow$ 1.5 A + A1 QC: 5 V $\Rightarrow$ 1.5 A,
45 W + 30 W + 7.5 W + 7.5 W (MAX 90 W)
C1 PPS: 3.3-11 V $\Rightarrow$ 5 A

Total power output: 100 W

Average operating efficiency – 84.03%

Efficiency at low load (10%) – 79.03%

Power consumption without load – 0.075 W

Safety instructions

1. The device is intended for use in residential, commercial, and industrial areas free from harmful and hazardous industrial factors.
2. Use the device only with IT equipment.
3. The maximum air temperature during device operation should not exceed 95°F.
4. Keep the device away from open flames, like candles.
5. Disconnect the device from the power outlet by unplugging the AC plug from the socket or disconnecting the power cable from the device.
6. The socket should be installed near the equipment and be easily accessible.
7. Do not use the device for industrial, medical, or manufacturing purposes.
8. If you want to clean the device, use only a dry cloth or brush.
9. Do not allow moisture to enter the device.
10. Do not subject the device to mechanical stress that could damage it.
11. Do not use the device if it is visibly damaged.
12. Do not use the device if it is known to be faulty.
13. If the cable or plug is damaged, the device must be disposed of.
14. Service center specialists do not repair the power supply if it is damaged or any component is defective (the device may be disposed of).

For fast and safe charging, use a CLEMM cable, your device's original cable, or another cable certified by the manufacturer.

Using the device

1. Connect the charger to a power outlet
2. Connect the smartphone USB charging cable to the USB port of the power adapter.



Power distribution



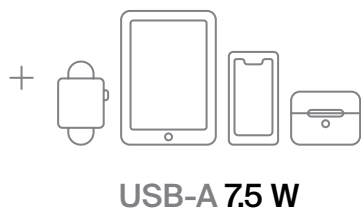
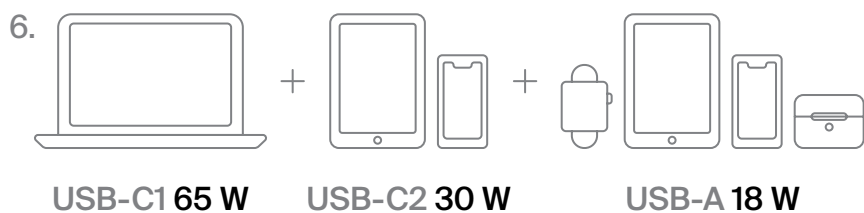
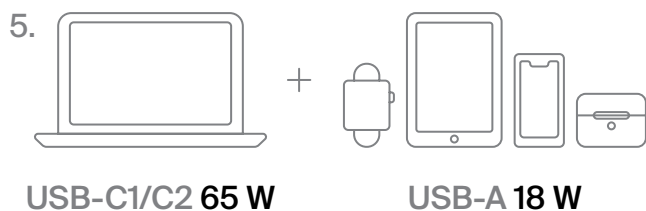
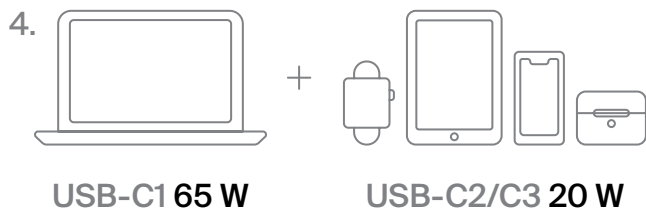
USB-C1/C2 Max 100 W



USB-C3 Max 20 W



USB-A Max 18 W



Disposal



The product must not be disposed of with regular household waste. It should be properly recycled. This symbol indicates that the device must not be disposed of with household waste. Instead, it should be taken to an appropriate collection point for the recycling of electrical and electronic equipment.

The devices described in this manual must be recycled.

Warranty obligations

The warranty period for this product is 12 months from the date of purchase, provided the rules of operation, storage, and safety are followed.

For maintenance and replacement of faulty products, contact the seller.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used

in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in the portable exposure condition without restriction.

Information about products and importers

Manufacturer: UNIVENT ENGINEERING PTE. LTD

Address: 10 Anson Road, #23-05,
International Plaza, Singapore 079903

E-mail: support@univent-engineering.com

The date of manufacture can be found on the product packaging.

Service life: 3 years

Made in China