



1-Port USB-C GaN Charger (20W) with USB-C to USB-C Cable (1M)

# 20W GaN Charging Kit

Available for iPhone 15/16 Series/Android Phones





# GaN III Technology



Reduced Size



Overheat Protection



Safer Charging



Higher Efficiency



# GaN

Note: The internal structure is a rendering.  
Please refer to the actual product.

# Phone Camera Size

Smaller than the original 20W charger.



# Smaller



**Vention 20W**

3.9 \* 3.3 \* 3.3 cm



# Charge 0-60% in 30mins

20W fast charging block.



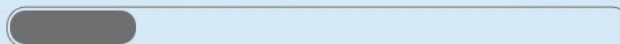
Vention 20W Charger

60%



Normal 5W Charger

20%



# X3

Note: All data are from Vention Lab.

# Temperature Control

Real-time protection with an advanced chip.



Note: The internal structure is a rendering.  
Please refer to the actual product.

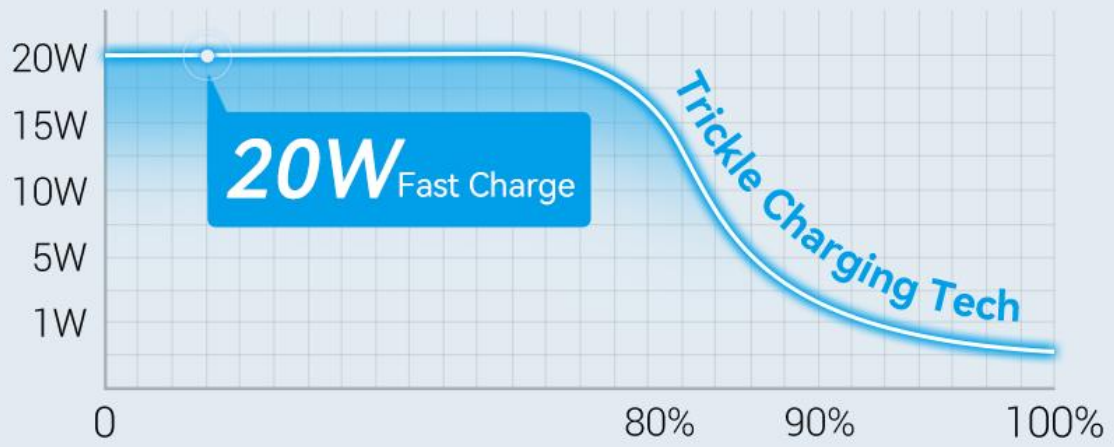


# Worry-Free Smart Charging

Smart trickle charging mode to avoid overcharging the battery.



Power (W)



Note: All data are from Vention Lab.



# 8+ Safety Protection



Temperature  
Control



Over Power  
Protection



Overvoltage  
Protection



Anti-interference  
Protection



Over Current  
Protection



Short Circuit  
Protection



Lightning  
Protection



Flame-Retardant  
Protection

# PD 60W USB-C Cable

Flexible and foldable, eliminating the risk of breaking.

**10000+  
Bending Tests**

Soft and Flexible



**Durable Tail**



**PVC Jacket**



Note: All data are from Vention Lab.

# Universal Compatibility

Compatible with PPS/PD 3.0/QC 3.0/FCP/AFC/Apple 2.4A  
and other fast charging protocols.



# Specifications

Brand	Vention
Name	20W GaN Charging Kit
Model	TZ-FEP-EU-01
Color	Black/White
<b>Charger</b>	
Interface	USB-C
Shell	PC
Input	100-240V~50/60Hz, 500mA
Output (USB-C)	5.0V $\overline{\text{---}}$ 3.0A (15.0W); 9.0V $\overline{\text{---}}$ 2.22A (19.98W); 12.0V $\overline{\text{---}}$ 1.67A (20.0W)
Output (PPS)	3.3V-11.0V $\overline{\text{---}}$ 1.8A (20.0W Max)
Protocols	PPS/PD3.0/QC3.0/FCP/AFC/Apple 2.4A
<b>Cable</b>	
Interface	USB-C
Data Transfer Rates	480Mbps
Rated Current	3A Max
Rated Power	60W Max
OD	3.8mm
Length	1 m
Packaging	Color Box





Note: All data are from Vention Lab.  
Sizes above are manually measured. There might be slight tolerance.

# Packaging Display



Note: Packing difference exists for different meters or batches.  
The photo is for reference only.

# Q & A

Q

Why does the charging become slower as the battery nears 80%?

A

When the power is charged to 80%, the power tuner chip adjusts the power output to safeguard your connected device.

Q

Is it normal for the charging notification sound to beep once or twice intermittently?

A

Yes, it is normal to hear either one or two charging notification sounds.

Q

Is it common for the connection not to be very firm when using a PD charger?

A

The manufacturing process adheres to the standard. Due to the compact size of the USB-C port, slight movement is normal and does not impact the product's functionality or secure connection.



## 20W GaN Charging Kit

### Technical Features

#### Charger

Color	Black/White
Interface	USB-C
Shell	PC
Input	100-240V~50/60Hz, 500mA
Output	Output (USB-C): 5.0V= 3.0A (15.0W); 9.0V= 2.22A (19.98W); 12.0V= 1.67A (20.0W) Output (PPS): 3.3V~11.0V= 1.8A (20.0W Max)
Protocols	PPS/PD 3.0/QC 3.0/FCP/AFC/Apple 2.4A

#### Cable

Interface	USB-C
Electroplating Process	Nickel-Plated
Jacket	PVC
Shell	PVC
OD	3.8mm
Data Transfer Rates	480Mbps
Rated Current	3A Max
Rated Power	60W Max

#### Color

#### Art.No.

#### EAN Code

Black	TZ-FEPB0-EU-01	6922794786233
White	TZ-FEPW0-EU-01	6922794786295



### Package Contents

1-Port USB-C GaN Charger (20W) x 1, USB-C to USB-C Cable (1M) x1

### Packaging Information

Packing Dimension	11.5*7*3.5cm
Packing Weight	0.096kg
Carton Dimension	48*29*31cm
Carton Qty	120pcs
Carton Weight	11.5kg

<https://ventiontech.com/>