# 45W GaN Wall Charger

Fast Charging Two Devices
Simultaneously
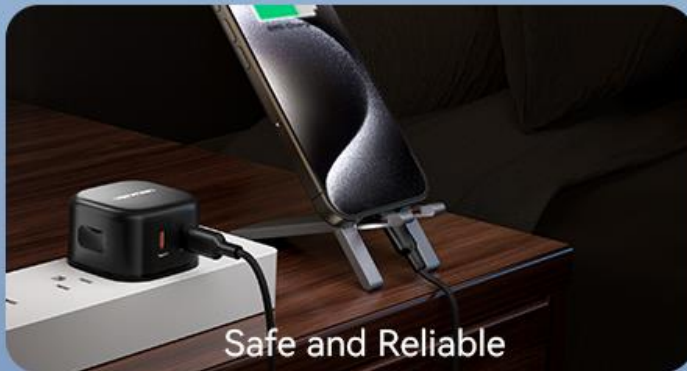
VENTION

Type C2

Type C1

GaN Tech

45W for Single Port

Fast Charging
for Dual Ports

Temperature Control

Safe and Reliable

Universal
Compatibility

# Powered by GaN Tech

The GaN technology protects
your electronics from excessive current,
overheating and overcharging.

**Higher Efficiency**

**Reduced Size**

**Lighter Weight**

**Overheat Protection**

**GaN III**

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

# Single Port 45W Max Output

Enough to fast charge a MacBook Air
-- when you connect to a single USB-C port.

**45W**

MacBook Air
60 min
**70%**
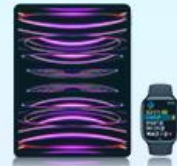
Note: All data are from Vention Lab.

# One Charger, Any Devices

Works with the majority of mobile devices,
including iPhone, iPad, and MacBook Air.



USB-C1
25W Max

USB-C2
20W Max

iPhone 15 + iPhone 15
Fast Charging At Once

iPhone 15
30 min
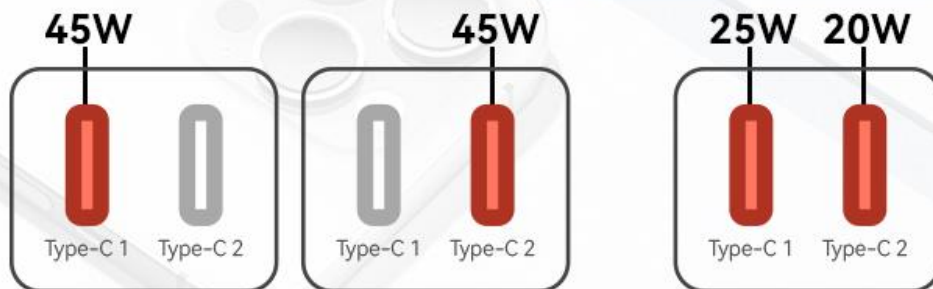60%

iPad + iwatch
Fast Charging At Once

iPad
60 min
66%

Note: All data are from Vention Lab.

# Intelligent Power Diffusion

It automatically adjusts power output to safeguard your connected devices.

| 45W | | | 45W | | 25W | 20W |
|---|---|---|---|---|---|---|
| Type-C 1 | Type-C 2 | | Type-C 1 | Type-C 2 | Type-C 1 | Type-C 2 |

Single-Port Mode                    Dual-Port Mode

Note: All data are from Vention Lab.

# Worry-Free Smart Charging

The power throughput can slow down
as the battery nears full charge.



**When the battery is running low**
Fast charging mode

**As the battery nears 80%**
Automatically trickle charging mode
against overcharging

Note: All data are from Vention Lab.

# Always-On
# Temperature Monitoring

Provides 24-hour continuous temperature
monitoring to ensure safety for you and your
connected devices.

## Multi-Protection Design

Temperature
Control

Overpower
Protection

Over-voltage
Protection

Over-current
Protection

Short Circuit
Prevention

Surge
Protection

# Space-Saving
# Design

Small enough
to take anywhere.

# One Charger Solution

One charger for multi-devices, lower your traveling burden.

**Compatible with Apple**

iPhone 8-15 Series
iPad mini/Air/Pro Series
MacBook Pro/Air Series
AirPods/Pro   Apple Watch

**Compatible with Android**

Phones/Tablets of Samsung,
 Xiaomi and Others

**Compatible with Laptops**

Apple, Huawei, Xiaomi, Dell,
Lenovo and HP

Note: The high-power charger can automatically be backward compatible
with low-power devices. More devices supported can be found online.

# Specifications

| | |
|---|---|
| Brand | **Vention** |
| Name | **45W GaN Charger** |
| Model | **FES** |
| Color | **Black** |
| Interface | **USB-C** |
| Input | **100V–240V, 50/60Hz, 1.2A (Max)** |
| Single-Port | **Output (USB-C 1/2): 5.0V⎓3.0A (15.0W);** |
| | **9.0V⎓3.0A (27.0W); 12.0V⎓3.0A (36.0W);** |
| | **15.0V⎓3.0A (45.0W); 20.0V⎓2.25A (45.0W)** |
| Two-Port | **Output (USB-C 1 + USB-C 2): 25.0W + 20.0W** |
| Total Output | **45.0W** |
| Protocols (USB-C 1/2) | **PD 3.0/PPS/QC 3.0/AFC/FCP/Apple 2.4A** |
| Warranty | **1 Year** |
| Packing | **Color Box** |

50mm

32mm

50mm

VENTION

Type C2

Type C1

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

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

Type C1

Type C2