

PIODATA
www.piodata.com

PHIHONG
www.phihong.com

ONLINE CATALOG



ENGLISH

線上型錄



繁體中文

CATÁLOGO EN LÍNEA



ESPAÑOL

オンラインカタログ



日本語

PIODATA ⁱX **PHIHONG**
PHIHONG ENGLISH

Never Miss A Memory



Innovation – Quality - Longevity

Introducing the lineup of portable computing device content management, backup, and power. These highly touted storage and power products provide the ultimate in added storage, seamless backup, security, and never before seen multi-functional applications.



About Vinpower

Founded in 2001, Vinpower is an award-winning developer of digital storage hardware and media, cross platform power + storage, and mobile Apps.

Never satisfied with good enough, Vinpower constantly pushes the envelope to develop new products and features that enhance the customers' needs and expectations, while maintaining unmatched data security and reliability.

Core Value



Intellectual Property (IP)

Vinpower owns multiple IP's across a range of products from hardware to software and Apps.



Research & Development (R&D)

Vinpower has a solid core of experienced engineers along multiple disciplines creating market-leading products and applications.



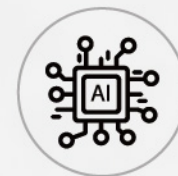
Circuit Design

Vinpower designs its own customized board structure for greater capability and quality across our full line of products.



App & Software Development

Vinpower has the ability to develop Apps, firmware, and related PC software across multiple platforms.



IC Design

Vinpower can create custom chipsets to further enhance our product's functionality, providing greater capabilities and reliability.



Robotic Engineering

Vinpower can design a new or adapt an existing robotic mechanism to meet required specifications.

About Pihong

Pihong's business focus is to maintain its leadership in the power adapter market and to grow our switching power supply market by providing power solutions in telecom, datacom, networking, personal electronics & industrial markets. Our global footprint combined with our ability to provide low-cost manufacturing and strong localized technical support provides a unique dynamic to our OEM and ODM customers that allows us to offer quality solutions on time, to budget and to schedule. With an eye toward the international trend of environmental protection and carbon reduction. Zerova, a subsidiary of Pihong, specializes in the EV Charging Market and offers a comprehensive range of EV charging solutions for both commercial and passenger vehicles.

Core value

Customer service

Innovation

Sustainability

PHIHONG GROUP



PHIHONG



Home Application



AR/VR



POS



NB



Medical



Industrial



Mobile



PoE&IoT



e-bike



Infrastructure



ZEROVA



EV Charging



1972

Pihong Founded

2001

Initial public offering (IPO) in Taiwan



Developed iXCharger 65W combination Hard Drive and Charger for laptops, smartphones, & tablets.

2020

Developed iXflash Cube, automatic secure Apple iPhone & iPad back-up solution

2001

Vinpower, Inc. established in Los Angeles, California, USA



Milestones

2024

Introduced the iXCharger 110W & 140W, with up to 2TB of data storage at CES 2024.



World's First Apple MFi approved iXflash SE with USB-A + USB-C connections

2023

iXCharger Awarded "Most Innovative Flash Memory Consumer" at Flash Media Summit



iXCharger named CES 2024 INNOVATION AWARDS HONOREE

2022

Developed iXCharger 65W combination Hard Drive and Charger for laptops, smartphones, & tablets.

iXCharger Specification

First ever combination Charger & Hard Drive in a single device

Uses GaN Technology with PD Fast Charging



65W

iXCharger 65W, 110W, and 140W compatible with USB-C to USB-C or Lightning cables

*Cable is not included



USB-C to USB-C Cable

USB-C to Lightning Cable



Connect iXCharger to your portable device with an USB-C or Lightning Cable

Model Name
Dimension (L x W x H)
Weight
Power Rated
Input Voltage
Output Voltage
Constant Current
Peak Load
Efficiency
Transient Response
Hold-up Time
Power Density
Power Factor
Operating Temperature
Storage Temperature
Operating Humidity
Input AC Plug
Output Connector
Safety

65W	
Phihong	Vinpower
AQ65A-200A-R	IXCharger 65W A
57.2 x 41.8 x 48.3 mm	
43.3g (US plug)	
65W	
90Vac – 264Vac	
5V, 9V, 12V, 15V, 20V	
0-3A @ 5V, 9V, 12V, 15V , 0-3.25A @ 20V	
120% @ 5V, 9V, 12V, 15V , 110% @ 20V	
> 88%	
Output voltage within +/-10% for 9V, 12V, 15V, 20V, 5.75V~4.25V for 5V	
> 5ms at 100Vac/60Hz & max load	
9.22 W/in ³	
NA	
0°C to 35°C	
-10°C to 80°C	
5% - 95% RH	
Wall-Mount type	
One USB-C output	
IEC 62368-1, UL 62368-1, EN 62368-1	

110W	
Phihong	Vinpower
AN110F-59CFKA-R	IXCharger PAA
85 x 82 x 31 mm	
<400g (US plug)	
Data+ Charging Port : 90W, Charging Only Port : 20W	
90Vac – 264Vac	
C1: 5W/9V C2: 5W/9V/12V/15V/20V With PPS function	
C1: 0-3A , C2: 0-4.5A	
125%-200% for C2/20V	
> 90%	
0% - 100% Load, 1 kHz, 50% duty, O/P within +/- 10%	
> 8.3ms at full load @100Vac/60Hz	
8.34 W/in ³	
> 0.95 @ 230Vac (100% load)	
0°C to 40°C	
-40°C to 85°C	
20% - 95% RH	
Wall-Mount type	
Two USB-C Outputs	
IEC 62368-1, UL 62368-1, EN 62368-1	

140W	
Phihong	Vinpower
AN140F-59CFKSA-R	IXCharger PBA
85 x 82 x 31 mm	
<400g (US plug)	
140W	
90Vac – 264Vac	
Single O/P: C1 5W/9V/12V/15V/20V or C2 5W/9V/12V/15V/20V/28V Dual O/P: C1 5W/9V/12V/15V/20V and C2 5W/9V/12V/15V/20V With PPS and AVS function	
C1: 0-3A , C2: 0-5A	
125%-200% for C2/20V	
> 90%	
0% - 100% Load, 1 kHz, 50% duty, O/P within +/- 10%	
> 8.3ms at full load @100Vac/60Hz	
10.62 W/in ³	
> 0.95 @ 230Vac (100% load)	
0°C to 35°C	
-40°C to 85°C	
20% - 95% RH	
Wall-Mount type	
Two USB-C Outputs	
IEC 62368-1, UL 62368-1, EN 62368-1	



110W, 140W

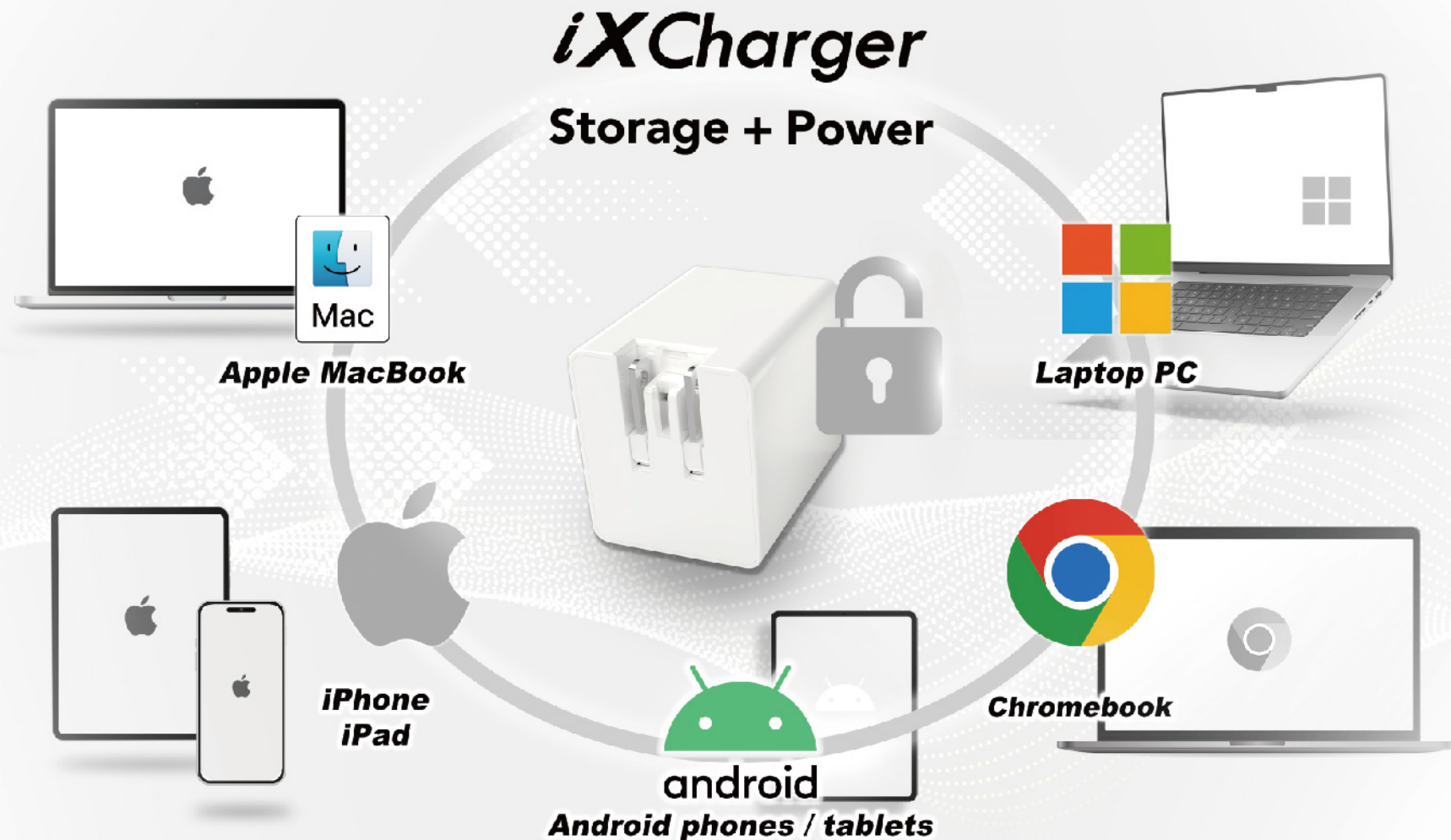
One Device For All !

Works across the widest array of computing platforms and operating systems.

Supports Apple iOS (iPhone & iPad), Android (smartphones and tablets), plus, Mac, PC, and Chromebook computers for secure data storage, backup, and entertainment.

In addition to offering high capacity storage memory, the iXCharger offers a 2 for 1 solution of both storage and charging capabilities.

By using a specialized third-generation semiconductor GaN technology and ACF controller, the iXCharger is able to provide higher power density and ensure fast heat dissipation in a smaller package, to enable fast, secure, and more efficient charging, including PD fast charging.



iXCharger 65W / 110W / 140W



Most Innovative
Consumer Application



GaN POWER + STORAGE

The ultimate pairing of a power charger combined with a large capacity external storage for a 2 in 1 solution.

- **Compatible with Various Platforms**

Provides an Apple MFi App compatible with iPhone and iPad, and supports access for Android smartphones and tablets. Additionally, it is compatible with MacBooks, Chromebooks, and a majority of standard PC laptops.

- **Data Protection**

Offers the Trust Circle secure data protection, for peace of mind.

- **Universal Plug Adaptors Available**

Take the iXCharger with you anywhere you travel, offers PD fast charging and works from 100V to 240V.



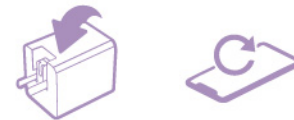
Experienced Flash Sorting

Testing Equipment to Produce 100% APPLE Quality Guarantee

To provide top quality products, start with the highest quality components. Vinpower is the only company with the knowledge and equipment to fully test and classify Flash memory at a factory level. Plus, we only work with the highest caliber suppliers and manufacturers ensuring our products meet the highest standards that allow our products to meet Apple's stringent requirements.



Easy Backup and Restore



Backup

Restore

Easily back up all stored photos, videos, and contacts, keeping the original meta data. Easily restore those items onto a new iPhone/iPad, maintaining the original date, location, image names, type and more.

Privacy Matters



Trust Circle offers the ultimate in data protection.

Ensures secure access for authorized devices. Using individual ID logins eliminates the need for password sharing, enhancing security and preventing potential leaks.

Perfect for Travel

Two things every portable computing device needs:

- Power Charger(s)
- Extended Storage Capacity

Typically, it's necessary to carry separate chargers and storage devices for:

- Laptop – MacBook, PC, Chromebook, etc.
- Smart Phone – iPhone or Android
- Tablet – iPad or Android



**The iXCharger is the
All in One Charger
and External Storage to
replace them all!**



Circle of Trust

Keeps Your Data Safe



What is Trust Circle?

Trust Circle is a complete data protection system to provide privacy and security for all data stored on the iXCharger. Trust Circle only works with select devices for approved individuals.

Those in the Trust Circle can access the data.

Those not in the Trust Circle have NO access to any data.

In fact, they won't even see that a storage device is connected.



OEM Options are Available

We recognize the value of partnering with forward thinking companies.

That's why we offer OEM/ODM opportunities for private label brands.

We work with you to meet your needs.

