

## **XINYI ELECTRIC STORAGE HOLDINGS LIMITED(08328.HK)**

**Xinyi Electric Storage (ShenZhen) Co. Ltd**

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**Providing smart and sustainable energy solutions**

Solar energy systems, electric vehicle (EV) chargers, energy storage systems and more.

## Company Overview

Xinyi Electric Storage Holdings Limited (hereinafter referred to as "Xinyi Electric Storage") is one of the four listed companies of Xinyi, the stock code 08328.HK. Xinyi Electric Storage has completed a range of new energy products.

The production bases are located in Suzhou, Wuhu, Shenzhen and Malaysia, and branches in Canada, and its sales network covering over 130 countries and regions around the world. It has registered the "XES" trademark in China (including HongKong) and the "Pion Power" and "Fulsolen" in global market.

**FULSOLEN**, established in 2021. The company focuses on the R&D, production, sales and service of portable energy storage, household energy storage, EV charger and so on. Our vision is to become the world's leading provider of Smart Solar, Energy Storage and Charging integrated equipment. The company has a professional R&D team with rich research and development experience and independent innovation ability. The core products have passed the certification of UL, CSA, CE, RoHS, FCC, FCCID, ETL, TUV, Energy Star and other international authoritative certifications.

Fulsolen gradually established a perfect R&D team and quality control system. Based on the development of optical storage and charging solutions, the formation of software, hardware, design, testing and other aspects of the company's comprehensive system. Company continues to add large R&D strategic investment, the R&D investment accounted for more than 20% of operating income and the R&D personnel staff accounted for more than 80% of the total number of the company.

**150+**  
Global Patents

**80+**  
Energy Storage  
Related Patents

## Patent references:

The invention of an on-board EV Charger.

Outdoor EV Charger based on the Internet of Things.

Portable EV Charger Industrial Design patent certificate.

WIFI collector communication software.





## Portable Power Station



FCC CE RoHS

### Feature highlights

- 4 USB Output
- 100W PD Type-C Output
- 4 x AC Outputs at 300W (320W Max)
- Pure Sine Wave
- 5 x DC Outputs (160W Max)
- 4 modes LED Light Display

### Two ways to charge

- 100W Pion Power Solar Panels
- AC charging (60W)

### Versatile lighting capabilities:

#### 3 LED light modes

- Indoor lighting
- SOS
- vehicle emergency lighting

#### 8 protections

- Short-circuit protection, Over-load Protection, Over-temperature protection, Over-current protection, Dual IC protection, Over power protection, Low-voltage protection, Over-voltage protection

Model	P302
<b>Battery Info</b>	
Capacity:	80000mAh/296Wh(3.7V)
Cell Chemistry:	Lithium-ion
Lifecycle:	500 cycles to 80%+ capacity
AC Power:	300W (Surge 500W 1s)
<b>Output</b>	
Inverter Type:	Pure Sine Wave
AC Outlets:	4 x 110V, 300W (320W Max)
USB-A Output:	2 x 5V, 4A(Max), 10W
Quick Charge 3.9 Output:	1 x 5V/9V,2A or 12V,1.5A,18W
USB-C Output:	1 x 9V, 2A, 5V/12V/15V, 3A or 20V, 5A(Max), PD 100W
DC5521 Output:	4 x 12V, 10A,160W Max
Car Output:	1 x 12V, 10A 150W Max
<b>LED Light</b>	
Power	10W
Modes	Weak, Medium, Strong, SOS
Lumens	up to 500 Lumens
<b>Recharge</b>	
Input Port:	DC 5521
AC Adaptor:	DC 15V, 4A, 60W
Solar Input:	DC 5.5-25V, 4A, 60W Max
Car Input:	12V, 4A
<b>General</b>	
Dimensions:	8.5 x 5.9 x 8.1 in (21.5 x 15 x 20.5cm)
Weight:	6.61 lbs (3 kg)
Operating Temperature:	32°F-104°F (0°C-40°C)
Storage Temperature:	32°F-104°F (0°C-40°C)
Certification:	CE, FCC, ROHS
Product Warranty:	1-year Product Warranty

### In The Box

1 x P302 Portable Power Station, 1 x AC Adaptor (AC-DC 5521), 1 x Car Charging Cable, 1 x Car Cigarette Lighter Adaptor, 1 x User Manual

## Portable Power Station



FC CE RoHS

Model	P201
<b>Battery Info</b>	
Capacity:	40000mAh/148Wh(3.7V)
Cell Chemistry:	Lithium-ion
Lifecycle:	500 cycles to 80%+ capacity
AC Power:	150W (Surge 300W)
<b>Output</b>	
Inverter Type:	Modified Sine Wave
AC Outlets:	2 x 110V, 150W(150W Max)
USB-A Output:	2 x 5V, 2.1A(Max)
Quick Charge 3.9 Output:	1 x 5V/9V, 2A or 12V, 1.5A, 18W
USB-C Output:	1 x 5V, 2A, 9V/12V/15V, 2A(Max), 30W
DC Output:	3 x 12-16.8V, 10A, 160W Max
Car Output:	1 x 12V, 10A 150W Max
<b>LED Light</b>	
Power	3W
Modes	Weak, Strong, SOS
<b>Recharge</b>	
Input Port:	DC 35135
AC Adaptor:	DC 15V, 2A, 30W
Solar Input:	DC 12-24V, 2A, 30W Max
<b>General</b>	
Dimensions:	6.7 x 4.1 x 4.5 in (17 x 10.5 x 11.5cm)
Weight:	3.97 lbs (1.8 kg)
Operating Temperature:	32°F-104°F (0°C-40°C)
Storage Temperature:	32°F-104°F (0°C-40°C)
Certification:	CE, FCC, ROHS
Product Warranty:	1-year Product Warranty

### In The Box

1 x P201 Portable Power Station, 1 x AC Adaptor (AC-DC 35135), 1 x Car Charging Cable,  
1 x Car Cigarette Lighter Adaptor, 1 x User Manual

Model	YTH-100
Output (MC4 and DC5521)	
Peak power (Pmax)	100W
Peak power voltage (Vmp)	19.8V
Peak power current (Imp)	5.05A
Open circuit voltage (Voc)	23.76V
Short-circuit current (Isc)	5.55A
Cell efficiency (%)	22%±1%
Tolerance (%)	±5%
Others output	
USB 1	5V/3A (Max)
USB 2	5V/3A, 9V/2A, 12V/1.5A (Max)
Type-C	5V/9V/12V/15V/20V (3A Max)
Structure	
Cell Type	Mono-crystalline Silicon
surface	ETFE
Number of folds	4
Folded Size	1650*425*5mm
Unfolded Size	445*425*55mm
Net weight	3.8kg
Gross weight	4.6kg
Material	Oxford fabric
Control box	Dual USB+Type-C+DC5521
Output port	0.5m MC4 Connector
Color	Black
Others	
Operation temperature	-20°C ~ 75°C

## Solar Panel

