

## **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.



## EV Charger

CE RoHS



### Features

- Dynamic load balancing management (Optional).
- PV charging first with PV system.
- It is applicable to all European countries, the EV Charger can automatically identify different countries and different types of plugs, and automatically identify the voltage and current corresponding to these plugs.
- Three charging modes are available: Plug-and-play, press the key from the control box, make an appointment to charge by pressing the button or through the APP. Easy to set up your charging session with LCD display screen.
- Make an appointment to charge, charge when the electricity rate is lowest.
- Its anti-theft electric protection to prevent from stealing electricity by setting a security lock for the EV Charger through the mobile phone APP.
- Support A+6 leakage protection, support AC 30mA, DC 6mA, 30ms fast protection.
- Support the function of sending charging bill to personal email.
- Support remote firmware upgrade for convenient upgrade maintenance.
- Place on the car or hang on the wall.

Model	EFAC32FE11		EFAC16FE31	
Adapter	EU-PLUG	323 Blue	EU-PLUG	165 Red
Input Voltage	230V	230V	230V	400V
Output Current	13A	32A	13A	16A
Max. Output Power	3kW	7.3kW	3kW	11kW
Output Voltage	230Vac		230V/400Vac	
Input Frequency	50Hz or 60Hz			
Control Box Material	PC+PBT. Flame retardance UL94: 5VA			
Charging Port Type	IEC 62196 (Type2)			
Handle Material	PC+PBT. Copper, silver-plated			
Cable Material	Copper + TPU			
Total Length	20ft (6 meters) with charging handle installed			
Impact Resistance	Able to withstand 3.3ft (1 meter) free fall drop and 4,409 lbs (2,000kg) vehicle crush test without critical damage.			
LED Indicator	Red/blue			
LCD display	1.8 inch LCD screen			
Operating Temperature	-22°F ~ 122°F (-30°C ~ 50°C)			
Working Humidity	5%~95% without condensation			
Working Altitude	<1.24 miles (2,000 meters)			
Control Box Enclosure Type	IP66			
Operating Environment	Indoor/outdoor			
Cooling Method	Natural cooling			
Multiple Protection	Over-voltage protection, Under-voltage protection, Overheating protection, Over-current protection, Leakage protection, Grounding protection, Lightning protection, Fire and flame protection, Waterproof, Dust proof, Antistatic protection			
Safety Standard	IEC61851-1, IEC61851-22, IEC61000, IEC62368-1, IEC62321, EN300328, EN301489, EN62479, RED, RoHS 2.0			
Control Box Dimensions	9.53 x 4.15 x 2.66 inch (242 x 105.5 x 67.5mm)			
Net Weight	4.0kg		4.0kg	
Charging Handle / Connector Life Cycle	10,000 insertion/removal events (no load)			
Dynamic Load Balancing	Optional			
Communication	Bluetooth/RS485 (Optional)			
Application	Android/IOS			
Warranty	2-year limited warranty			