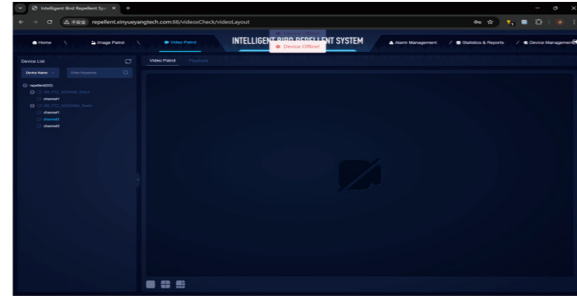


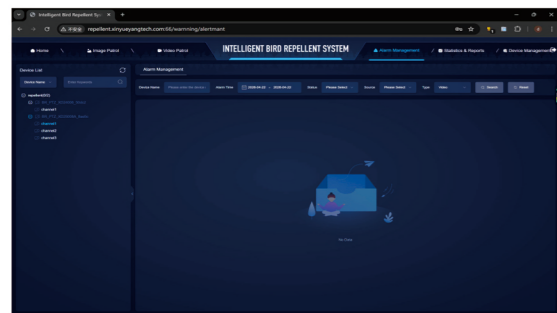
• Video channel of Platform (Control system)



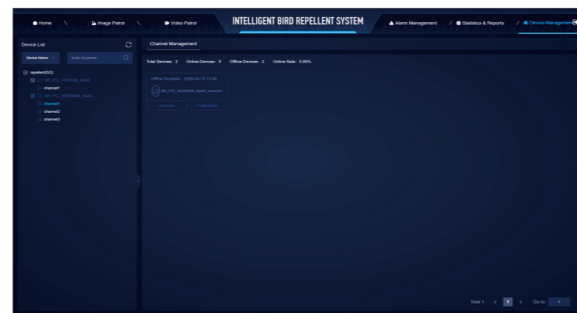
• Home page of Platform (Control system)



• Repellent device management page



• Alarm management of Platform



SALES REFERENCE

Products have already been exported to 120+ countries regions

- | | | | |
|---|--|---|--|
| Asia | Europe | America | Africa |
| Mongolia
Korea
Japan
The Philippines
Vietnam
Laos
Cambodia
Myanmar
Thailand
Malaysia
Singapore
Indonesia
Nepal
Bangladesh
India
Pakistan
Sri Lanka
Kazakhstan
Kyrgyzstan
Tajikistan
Uzbekistan
Turkmenistan
Afghanistan
Iraq
Iran
Syria
Lebanon
Saudi Arabia
UAE
Kuwait
Oman
Georgia
Armenia
Azerbaijan
Turkiye | Finland
Sweden
Norway
Belarus
Russia
Ukraine
Poland
Hungary
Germany
Switzerland
Britain
Ireland
Netherlands
Romania
Albania
Greece
Croatia
Italy
Spain
Portugal
Yugoslavia
France | Canada
United States
Mexico
Honduras
Nicaragua
Panama
Cuba
Dominican
Colombia
Ecuador
Peru
Bolivia
Brazil
Chile
Argentina
Uruguay
Tobago
Guatemala
Malawi
Republic of Mali
Mauritania | Algeria
Angola
Benin
Burkina faso
Burundi
Cameroun
Central African
Chad
Ivory Coast
Democratic Republic of Congo
Djibouti
Egypt
Ethiopia
Ghana
Guinea
Kenya
Zambia
Zimbabwe
Botswana
Madagascar |
| Oceania | | | |
| Australia
Papua new guinea
New Zealand | | | |



**Practitioner and Pioneer
of Green and Smart Energy**

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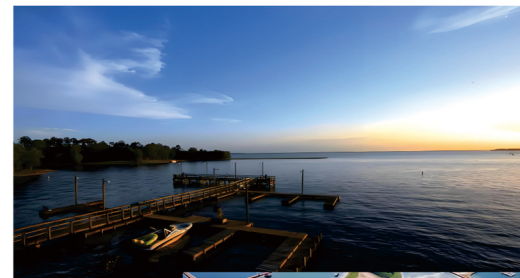
Expandable field



Agricultural Fields



Fruit-based Forestry



Fisheries



Architectural Conservation



Overview of the Group



FOUNDED IN 1936



NANJING ELECTRIC

Nanjing Electric was founded in 1936 which is the first high voltage stated owned porcelain factory in the history of China's electrical industry. It became the member of Guangzhou Baiyun Group(BPG) in 2004 and now is the second headquarter of BPG.

Nanjing Electric is located in the National Economic and Technological Development Zone in Nanjing city with a construction area of 190,000 square meters and 1,100 employees. The Company is a modern management and manufacturing enterprise with international advanced production lines of various products.

Nanjing Electric is a group enterprise which has 12 subsidiaries. The main products are Toughened Glass Insulator, Composite Insulator, Porcelain Insulator, High Voltage Bushing (RIP, OIP, RIF, heavy current type), Prefabricated Substation(E-house), Mobile Substation, Smart Grid, Distribution Current Transformer, Aerogel, Automatic Bird Repellent. The product voltage range covers from 10kV to 1100kV AC and DC. The first Glass insulator and 110kV bushing in Asia was born in Nanjing Electric in 1958.

Nanjing Electric is focusing on scientific & technological innovation with a technical talents team. In the development of the company, the team constantly innovate new technology and products, some of which are over-came the bottleneck problem. The Company has a strategic cooperation agreement with well-known universities and institutes, making significant contributions to the development of national electric power industry.

As the second headquarter of Baiyun Electric Group, Nanjing Electric has National Laboratory (Testing Center) which is certificated by ISO 17025. Test voltage can be up to 1100kV AC and DC.

Nanjing Electric is the most important and main supplier of State Grid and Sothern Power Grid in China. The products have supplied to 38 domestic UHVAC & UHVDC (above 800KV) Transmission Lines and exported to more than 120 countries and regions with high recognition from domestic and overseas customers.

With the proposal of the national "Carbon peaking and carbon neutrality" goals and the acceleration of the construction of new power systems, Nanjing Electric closely follow the national development strategy, continue to strengthen innovation investment, and constantly promote industrial development.

Warmly welcome customers and friends from the world to Nanjing Electric!

Development History



The company established the Central Electric Porcelain Factory (state owned), successfully developed the first post insulator



Changed its name to Nanjing Electric Porcelain General Factory during the reform and opening up



Reorganized and restructured from Baiyun Electric Group to a private limited liability company



Nanjing Electric Power Engineering Co., Ltd. Established.

Nanjing Electric (Group) High Tech Materials Co., Ltd. Established.

Nanjing Electric (Group) Intelligent Power Equipment Co., Ltd. Established.

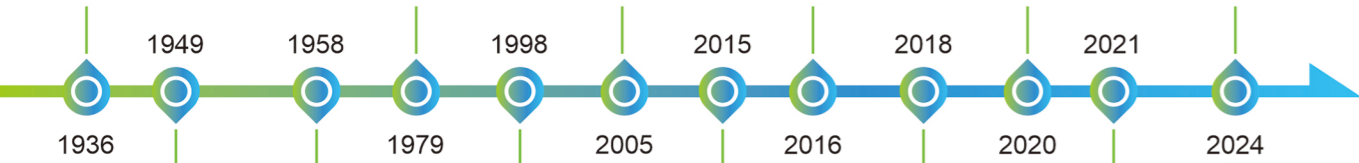
Nanjing Electric (Jiangxi) Porcelain Co., Ltd. Established.



Jiangsu Jiayun New Materials Co., Ltd. Established



Nanjing Electric Current Transformer Co., Ltd. Established



Nanjing Electric: Guardian of Harmonious Coexistence Between Power Systems and birds with decades of expertise in the power industry, Nanjing Electric deeply understands the multiple challenges posed by bird activities—from line short circuits and insulator contamination to equipment failures, each incident may impact grid stability and public safety. For this reason, grounded in industry insight, we independently developed "intelligent harmless bird repellent" devices and systematic solutions, aiming to prevent risks at the source and achieve a win-win balance between power operation and ecological care.

By integrating technologies such as sonic modulation, visual deterrence, and physical barriers, we create targeted, low-interference bird repellent systems. These devices not only effectively prevent birds from approaching high-risk power areas but also avoid harm to birds and their habitats, ensuring both grid reliability and biodiversity protection.

Nanjing Electric builds a safe, green, and sustainable power future with intelligent technology.

Innovative Bird Repellent · Power Protecting Nature



Transmission line



Transmission line



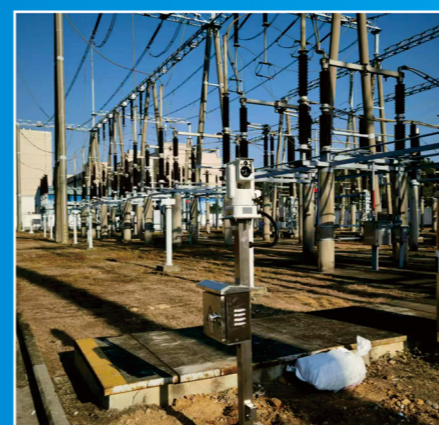
Transformer



Transformer



Sub-station



Sub-station



Solar station



Solar panel on roof



Fish Pool

Q200-F Automatic Bird Repellent



1. Solar power supply
2. Chinese AI Core
3. Camera pixels: 4 million
4. Radar range: 15m
5. Radar angle of detection: 90° vertical, 45° horizontal
6. Micro gimbal speed: Horizontal: 0 to 40° per sec
7. Laser wave length: 532nm±10nm. Laser color: Green
9. Laser power: 50mW, with power adjustment
10. Sound pressure level: No less than 90dB@1m
11. Tele-control: option
12. Suitable site: Electricity transmission line, Railway line, etc.

Q300-J Automatic Bird Repellent



1. Voltage: 220V/50Hz or DC12V (Option)
2. Chinese AI Core
3. Camera magnification: Max. x30 Optical zoom
4. Focus Model: Auto / Manual / One-time shot focus
5. Gimbal speed: Horizontal: 0 - 40°/s; Vertical: 0 - 40°/s
6. Pan-tilt: Horizontal: 360° continuous rotation, Vertical: -90° to +90°
7. Laser wave length: 532nm ±10nm
8. Laser power: 1.5W, with power adjustment support
9. Laser beam diameter: Small than dia. 10mm @ 1 meter
10. Laser emission mode: Continuous or Flash
11. Independent LAN software system control
12. Max. effective working distance: 150m; Suggest working distance: 80m
13. Auto-sourcing Bird
14. Repel bird without hurt bird
15. Easy install, Small size, Low energy consumption
16. Suitable site: Substation, Farm, Fish Pool etc.

Q500-F Automatic Bird Repellent



1. Power supply: AC 220V/50Hz or DC 24V (Option)
2. Chinese AI Core
3. Camera magnification: 35x optical zoom
4. Focus mode: Auto / manual / one-shot focus
5. Gimbal speed: 0 - 40°/s; Vertical: 0 - 40°/s
6. Pan-tilt angle: Horizontal: 360° continuous rotation, Vertical: -40° to +75°
7. Laser wave length: 532nm±10nm
8. Laser color: Green
9. Laser beam diameter: No more than 20mm x 20mm @ 1m
10. Laser power: 2.5W, with power adjustment
11. Sound pressure level: No less than 115dB @ 1m
12. Directionality of sound wave: ±15°
13. Max. effective working distance: 150m; Suggest working distance: 75m
14. Auto-sourcing bird
15. Easy install, Small size, Low energy consumption
16. Suitable site: Substation, Farm, Fish Pool etc.

Q800-J Automatic Bird Repellent



1. Voltage: 220V/50Hz or DC12V (Option)
2. Chinese AI Core
3. Camera magnification: Max. x35 Optical zoom
4. Focus Model: Auto / Manual / One-time shot focus
5. Gimbal speed: Horizontal: 0 - 720°/s; Vertical: 0 - 180°/s
6. Pan-tilt: Horizontal: 360° continuous rotation, Vertical: -90° to +90°
7. Laser wave length: 532nm ±10nm
8. Laser power: 4.5W, with power adjustment support
9. Laser beam diameter: No more than 20mm x 20mm @ 1 meter
10. Laser emission mode: Continuous or Flash
11. Independent LAN software system control
12. Max. effective working distance: 150m; Suggest working distance: 80m
13. Auto-sourcing Bird
14. Repel bird without hurt bird
15. Easy install, Small size, Low energy consumption
16. Suitable site: Substation, Farm, Fish Pool etc.