Company Profile

Company outline

Guangdong Golden Glass Technologies Limited was Founded in 1994, and listed successfully in Shenzhen Stock Exchange in 2010 (Stock code: 300093). The company is mainly engaged in the research, development and production of various kinds of high-tech security glass, photovoltaic cells and building components.

We are professional responsible for manufacturing, researching and sales BIPV components and systems. The company in the management process implements fully the ISO9001 international quality system, ISO14001 and Occupational Health and Safety Management System and the use of modern information technology, ERP (enterprise resource planning) systems as a platform for enterprise information management system. As a result, after years of efforts to innovative companies are recognized as national high-tech enterprises, the first batch of pilot innovative enterprises in Guangdong Province, Guangdong Province Enterprise Technology Center, Guangdong Province, and glass deep-processing technology research and development center.

Golden Double-Glass BIPV Module is currently the only German TUV Rheinland certified double-glass PV modules Max output power 850W, Max Size 3.5*2.3mm thickness≥4mm each. The product can be directly applied to the building walls, roofs, used in building-integrated photovoltaic (BIPV) project. The company has a complete set of double-glass photovoltaic modules according to the IEC61215 and IEC61730 international standard test equipment, committed to research and development of BIPV technology applications. The company stands out in a number of bidding enterprises and won the 2006 Guangdong-Hong Kong's key areas of key breakthroughs as the successful winner. Since 2007, the products have been
Guangdong Golden Glass Technologies Limited successfully used for green buildings like Shenzhen north station, pearl river new town, Guangzhou south station, Shenyang consisting of square, Shenyang city 55 square, Kuwait insurance building, Samba Bank, Mauritius international airport, Shenzhen ping mountain swimming pool, Shanghai international horticultural expo garden French hall, Ex Michelin approved by architects like Atkins, Forster & Partner, Buro Happold, Renzo Piano, OMA, Meinhardt, ADPI, Zaha Hahid and have aroused widespread concern in the domestic and international solar photovoltaic industry and customers. The company has great strength and rich experience in all aspects of the production of components, system design, construction, installation and ancillary services.

The company is named the Engineering Research Center of the national glass deep-processing test base, the Enterprise Technology Center of Guangdong Province and multi-functional architectural glass, and application engineering technology research and development centers, the National Torch Plan Key High-tech enterprises, hi-tech enterprises in Guangdong Province, Guangdong Province excellent high-tech 50 enterprises in the title. Fire glass products and fire glass system produced by the company have been given rewards such as the Guangdong Provincial Science and Technology Progress Award, Progress Award of the All-China Federation of Industry and Commerce, the China Building Materials Circulation Association, the second prize of science and technology, and so on.

The special security glass products which the company developed have been successfully applied to various types of large-scale public construction projects, such as: Beijing Bird's Nest (National Stadium), the National Convention Center, Beijing Capital International Airport Terminal Three and other Olympic projects, the Japanese cocoons (COCOON) USA and Hawaii MOANA PACIFIC Engineering, Hong Kong Cyberport, Abu Dhabi airport, Singapore airport T4, Shanghai Center, etc, more than 300 items large projects at home and abroad. Golden Glass monolithic cesium potassium fire-resistant glass is a national key new products, and successfully design and manufacture a impeccable steel frame system of fire and
explosion resistance, accompanying the completion of the modular frame fire-proof glass curtain wall and partition systems, which can greatly improve the safety of the building. At present, China's first high-rise "Shanghai Center" project have been testing for various types of specialty glass curtain wall, especially the authority of the test of fire partition walls and indoor fire partition. Golden Glass is one of the few companies which are qualified to design and build the construction curtain wall project as well as contract the mechanical and electrical equipment installation engineering.

Golden Glass has become one of the leaders of the BIPV and security glass, specialty glass.
7.2 Company License of Golden Glass

7.2.1 Company Business License

( Please ref. to next page in English )

Business License

License Number: 440000400008291
Company Name: Guangdong Golden Glass Technologies Limited
Legal representative Zhuang Dajian
Registered capital RMB 21, 600,000
Paid-in capital RMB 21, 600,000
Type of company Limited company (Sino-foreign joint ventures, the proportion of foreign investment is less than 25, A-shares acquisition and merger).
Business Scope Research, development, production of various kinds of high-tech special glass and systems, production and processing of glass products and the supporting metal structures, solar PV and BIPV system design, solar cell and solar module manufacturing, engineering, installation and after-sales service.
Expiration Data: From 1994-06-18 to Long-term

7.2.6 Safety Production License
Project Details:

- Total Power: 2MW (300KW BIPV façade system; 1.7MW PV system)
- Type: PV modules on Roof and BIPV module in the curtain wall
- Area: 15399m²
- Completion Data: 2014
8.2 PV Sun shading of Ex Michelin- Renzo Piano

- **Project Details:**
- Completion Date: 2013
- Installed Power: 302KW
- Location: Trento, Italy
- **Module Technical Data**
- Module: 8mm Low Iron Tempered Glass + PVB and Cell Layer +10mm heat strengthened glass
- Module Size: 1600×400mm
- Peak Power: 60Wp
- Cell Type: 156×156mm Polycrystalline
- Glass: Tempered, Heat Soak
- Transmittance: 50%
- Types of Connection: Junction Box on the back
8.3 Wyndham Grand Foshan Gaoming-Atkins

◆ Project Details:
◆ Completion Date: 2014
◆ Installed Power: 80KW
◆ Location: China
◆ **Module Technical Data**
◆ Module: 8mm Low Iron Tempered Glass + PVB and Cell Layer +10mm heat strengthened glass
◆ Module Size: 2000*1000
◆ Peak Power: 240W
◆ Cell Type: 156×156mm Polycrystalline
◆ Glass: Tempered, Heat Soak
◆ Transmittance: 50%
◆ Types of Connection: Junction Box on the back
Project Detail
Completion Date: 2013
Installed Power: 129KW
Location: Riyadh, Saudi Arabia

Module Technical Data
Module: 3.2mm Low Iron Tempered Glass + PVB and Cell Layer +3.2mm Tempered Glass
Module Size: 1650×880mm
Peak Power: 185Wp
Cell Type: 125×125mm Monocrystalline
Glass: Tempered, Heat Soak
Transmittance: 53%, 57%
Types of Connection: Junction Box on the side
8.5 Solar PV Canopy of Republic of Mauritius International Airport- ADPI

Project Detail
Completion Date: 2012
Installed Power: 61.8KW
Location: Mauritius, Africa
Area: 832m²

Module Technical Data
Module: 8mm Clear Low Iron Tempered Glass + PVB and Cell + 8mm Clear Tempered Glass
Module Size: 1400x2250mm
Peak Power: 234Wp
Cell Type: 125x125mm Semi-transparent Monocrystalline
Glass: Tempered, Heat Soak
8.6 Shenyang Hang Lung Municipal Government square

◆ Project Details:
  Total Power: 160 KW
  Type: Double Glazed solar PV module
  Location: In Roof
  Area: 2360m²
  Completion Date 2012.10
8.7 Swimming Pool Center in Pingshan District

◆ Project Details:
  Total Power: 166 KW
  Type: Double Glazed solar PV module
  Location: In Roof skylight
  Area: 1600 m²
  Completion Date: 2012.10
8.8 The Office Building at Huizhou Port

1. BIPV system on Roof (105KW)

2. PV system on Roof
3. PV system on Canopy
4. PV on Roof of car shed

◆ Project Details:
  Total Power: 105 KW BIPV system
  Type: BIPV module and Double Glazed solar PV module
  Area: 5840 m²
  Completion Date: 2012.12
Project Detail
Completion Date: 2011
Installed Power: 501 KW
Location: Shenzhen, Guangdong
Area: 7890.5m2
Module Technical Data
Module: 6mm Low Iron Tempered Glass + PVB and Cell Layer +8mm Tempered Glass
Module Size: 1610×1175mm 1610×1075mm
Peak Power: 109Wp
Cell Type: 125×125mm Monocrystalline
Glass: Tempered, Heat Soak
Transmittance: 48%
Types of Connection: Junction Box on reverse side
8.10 Guangzhou South Railway Station - Terry Farrell & Partners

Completion Date: 2010
Installed Power: 253KW
Location: Guangzhou, Guangdong
Area: 5016m²

**Module Technical Data**
Module: 5mm Low Iron Tempered Glass + PVB and Cell Layer + 8mm Tempered Glass
Module Size: 1970×1730mm, 1970×1980mm
Peak Power: 178Wp
Cell Type: 125×125mm Monocrystalline
Glass: Tempered, Heat Soak
Transmittance: 53%, 57%
Types of Connection: Junction Box on the side
8.11 Guangzhou Tobacco Tower-Meinhardt Limited & S.O.M
Project Detail
Completion: 2010
Installed Power: 24KW
Area: 348m2

Module Technical Data
Module: 8mm Low Iron Solar Glass + PVB and Cell Layer + 8mm Low-E Glass + 16A + 6mm Glass + PVB + 6mm Glass
Module Size: 1048× (1500—1890) mm Parallelogram Module
Peak Power: 128Wp
8.12 National Cultural Activities Center in Haixin, Qinghai, China

- **Project Details:**
  - Total Power: 350 KW
  - Type: Double Glazed solar PV module
  - Location: In Roof skylight
  - Area: 3200m²
  - Completion Date: 2010
8.13 Guangdong Golden Glass Headquarter

Project Details:
Total Power: 800 KW
Location: In Roof skylight
Completion Date: 2009

Type: Double Glazed solar PV module
Area: 8800m²
8.14 Shenyang Hanglung Middle Street Plaza

◆ Project Details:

Total Power: 294 KW
Type: Double Glazed solar PV module
Location: In Roof
Area: 3160m²
Completion Date: 2009 **8.15 BIPV Roof of Hong Kong ST. Paul Primary School**

◆ **Project Details:**

Total Power: 16 KW  
Type: Double Glazed solar PV module  
Location: In Roof  
Area: 226 m²  
Completion Date: 2007.08