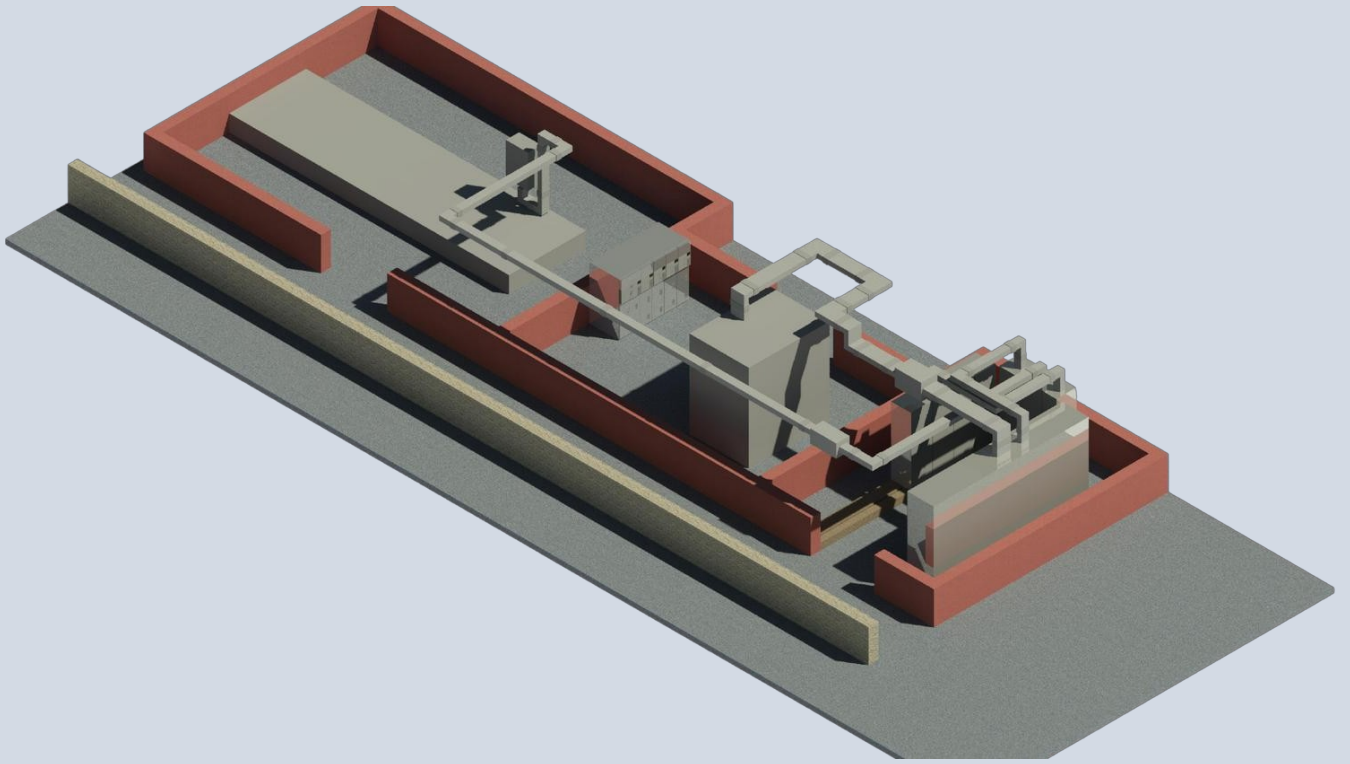
IBUSWAY

Busway Solutions

Distribution, installation and maintenance

Busbar trunking systems up to 6400 A



Up to 6400 A	Distribute	Egypt
Busway range	Install and maintain	Matrouh to Aswan

01 About I-Busway

I-Busway (I-Busway for Electrical and Engineering Industries) is an Egyptian power distribution company, established in 2008 by Eng. Mahmoud Abd El-Bassir, whose experience in electrical power distribution goes back to 1985. The company serves industrial, commercial and infrastructure projects with reliable, efficient and safe power distribution systems.

I-Busway distributes and installs busbar trunking systems, and maintains them after handover. Projects have been delivered for hospitals, government and security facilities, factories, hotels, malls and residential developments across Egypt. Low-voltage panel manufacturing is presented in a separate document.

2008	Up to 6400 A	8	Egypt
Year established	Busway range	Sectors served	Matrouh to Aswan

Leadership

Chairman	Eng. Mahmoud Abd El-Bassir (founder)
General Manager	Eng. Amr Mahmoud Abd El-Bassir
Chief Executive Officer	Eng. Mohamed Mahmoud Abd El-Bassir
Civil Projects Manager	Eng. Mostafa Mahmoud Abd El-Bassir

On site



Indoor busway installation

02 Our Busway Activity

One team follows the busway system from the offer to long after handover.

ACTIVITY 01

Distribution

Busbar trunking systems up to 6400 A: copper busbars, with bimetal busbars in selected ratings; indoor IP 55 systems and cast-resin IP 68 systems for outdoor and demanding locations; tap-off units for local loads along the run.

ACTIVITY 02

Installation

Installation by company teams on site, supervised by company engineers with direct follow-up from the technical management, from offer to handover.

ACTIVITY 03

Maintenance

Maintenance of installed busway systems after handover, and continuing technical support after installation.

Up to 6400 A	IP 55 / IP 68	Egypt
Busway range	Indoor and cast-resin systems	Matrouh to Aswan

03 Busway Systems

Feature	Detail
Rating range	Up to 6400 A
Conductors	Copper busbars (bimetal busbars in selected ratings)
Protection degree	IP 55 indoor systems; IP 68 cast-resin and outdoor systems
Accessories	Tap-off units (for example 66 tap-off units, 32 A to 250 A, at Ismailia Security Directorate)
Scope	Distribution, installation and maintenance
Cast resin reference	1000 A, IP 68, Asala Mall



Busway run above panel section

Up to 6400 A	IP 55 / IP 68	Copper
Busway range	Indoor and cast-resin systems	Bimetal in selected ratings

04 What a Busway Run Is Made Of

A busway system is assembled on site from factory-built sections and accessories. A typical run combines:

01

Straight lengths

The standard sections that carry power along the route of the run.

02

Elbows and tees

Change direction and split the run to follow the building layout.

03

End feed units

Connect the run to the switchboard, panel or transformer at each supply point.

04

Tap-off units

Plug-in points that feed local loads along the run. Ismailia Security Directorate alone uses 66 tap-off units, from 32 A to 250 A.

05

End caps

Close and protect the end of each run.

06

Hangers and supports

Fix the run to the slab or structure along its route.



Busway run installed along the ceiling

05 Enquiry Information

To offer a busway system we study the single-line diagram, layout drawings and bill of quantities. Each connection rating, entry position and available space is agreed with the client’s consultant for the project.

Document	What it tells us
Single-line diagram	The ratings, sources and loads the system must feed.
Layout drawings	The route of the run, entry positions and the space available.
Bill of quantities	The quantities the offer is priced on.

Request an offer

Send your single-line diagram, layout drawings and bill of quantities to sales@i-busway.com. Our engineers will review them and prepare a technical and financial offer.

Up to 6400 A	Distribution	Egypt
Busway range	Installation and maintenance	Matrouh to Aswan

06 Ministry of Defence

Strategic command centre, New Administrative Capital. Supply and installation of busbar trunking in three buildings of the project. The scope in each building is 130 m of 3200 A, 1088 m of 1600 A and 1155 m of 1200 A.



Project site



Busway installation

PROJECT 01

Strategic Command Centre, Building 4

New Administrative Capital

Busbar trunking

130 m of 3200 A, 1088 m of 1600 A, 1155 m of 1200 A



Project site

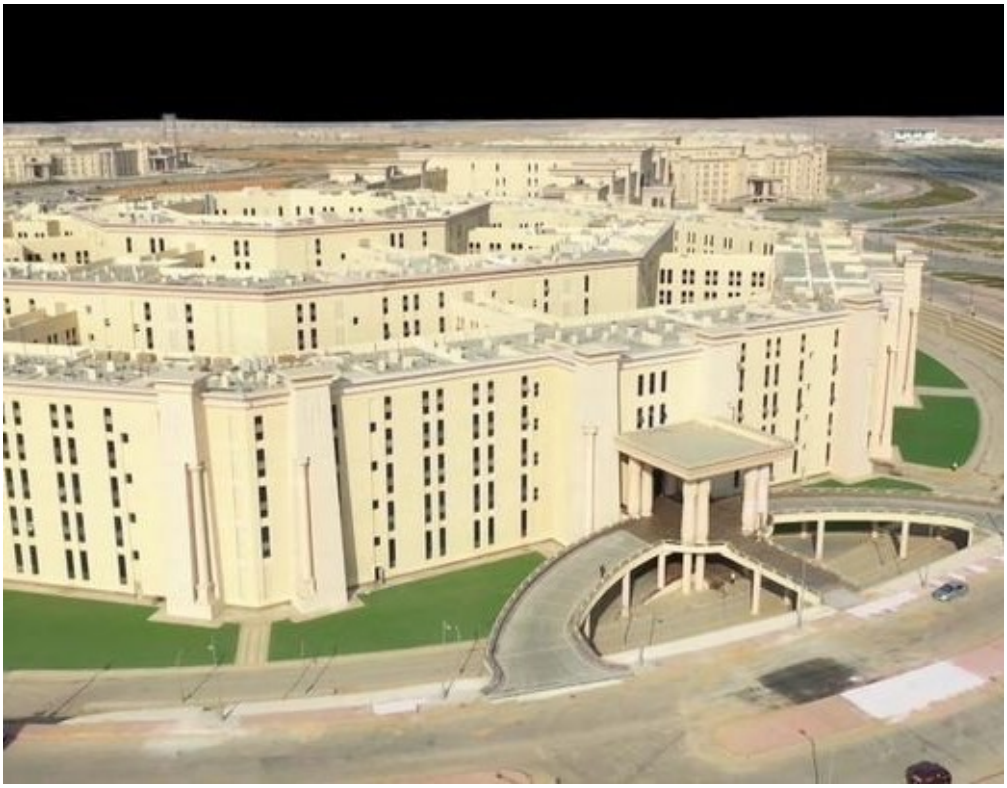
PROJECT 02

Strategic Command Centre, Building 6

New Administrative Capital

Busbar trunking

130 m of 3200 A, 1088 m of 1600 A, 1155 m of 1200 A



Project site

PROJECT 03

Strategic Command Centre, Building 8

New Administrative Capital

Busbar trunking

130 m of 3200 A, 1088 m of 1600 A, 1155 m of 1200 A

3 buildings	130 m	1088 m / 1155 m
Strategic command centre	of 3200 A per building	of 1600 A / 1200 A per building

Request an offer

Send your single-line diagram, layout drawings and bill of quantities to sales@i-busway.com. Our engineers will review them and prepare a technical and financial offer.

07 Ministry of Interior

Busway supply and installation projects for the Ministry of Interior, each listed with its location, year and scope.



Project site



Busway installation

PROJECT 04

Command and Control Building (SOC), Ministry of Interior

New Cairo | 2024

Busway supply and installation

4000 A copper; 1600 A, 1000 A, 900 A, 630 A bimetal



Project site



Busway installation

PROJECT 05

Ismailia Security Directorate

Ismailia | 2024

Indoor busway and tap-off units

3200 A, 1600 A, 900 A, 630 A; 66 tap-off units, 32 A to 250 A



Project site



Busway installation

PROJECT 06

Alamein Security Directorate

Alamein | 2023

Indoor busway

5000 A, 4000 A, 3200 A, 2500 A



Project site



Busway installation

PROJECT 07

Cairo Security Directorate

Cairo | 2021

Indoor busway

5000 A, 4000 A, 3200 A, 1600 A, 900 A, 630 A



Project site



Busway installation

PROJECT 08

New Security Complex, Ministry of Interior

New Cairo | 2021-2025

Busway supply and installation

Multiple buildings and two main central A/C stations

07 Ministry of Interior: Correction and Rehabilitation Centers

Copper busbar trunking supply and installation. Each project covered 5000 A, 4000 A, 3200 A, 2000 A and 1600 A, delivered and installed to the project specification.



Project site



Busway installation

PROJECT 09

10th of Ramadan Correction and Rehabilitation Center

Al-Sharqia | 2023

Copper busway

5000 A, 4000 A, 3200 A, 2000 A, 1600 A



Project site



Busway installation

PROJECT 10

15th of May Correction and Rehabilitation Center

Cairo | 2023

Copper busway

5000 A, 4000 A, 3200 A, 2000 A, 1600 A



Project site

PROJECT 11

New Akhmim Correction and Rehabilitation Center

Sohag | 2023

Copper busway

5000 A, 4000 A, 3200 A, 2000 A, 1600 A



Project site



Busway installation

PROJECT 12

Badr Correction and Rehabilitation Center

Badr City, Cairo | 2021

Copper busway

5000 A, 4000 A, 3200 A, 2000 A, 1600 A



Project site



Busway installation

PROJECT 13

Wadi El-Natrun Correction and Rehabilitation Center

Sadat City | 2021

Copper busway

5000 A, 4000 A, 3200 A, 2000 A, 1600 A

5 centers	5000 - 1600 A	Supply
Across Egypt	Copper busway per project	Delivered and installed to specification

Request an offer

Send your single-line diagram, layout drawings and bill of quantities to sales@i-busway.com. Our engineers will review them and prepare a technical and financial offer.



Project site



Busway installation

PROJECT 14

Police Hospital

Nasr City, Cairo | 2025

IP 55 and IP 68 busway

5000 A, 2500 A, 2000 A, 1000 A, 800 A

2000 A IP 68 outdoor

08 Justice City

Justice City complex, under the supervision of the Military Works Department. Buildings included in the project are listed below.

PROJECT 15

Justice City

Supervision | Military Works Department

Buildings

1. Court of Cassation
2. Supreme Constitutional Court
3. Family Court
4. Services Building
5. Supreme Council
6. Economic Court
7. Court of Appeal
8. Council of State

09 Other Projects

Busway distribution and installation projects, each listed with its location, year and scope.



Project site

PROJECT 16

One Eleven (Azur)

Alamein | 2026

IP 55 busway

5000 A, 4000 A, 3200 A, 2000 A, 1600 A



Project site



Busway installation

PROJECT 17

N-Square Mall

5th Settlement, Cairo | 2026

IP 55 busway

3200 A



Project site

PROJECT 18

Asala Mall

5th Settlement, Cairo | 2026

IP 55 and IP 68 busway

1000 A IP 55 indoor; 1000 A IP 68 cast resin



Project site

PROJECT 19

Huhtamaki Flexibles Egypt

October | 2026

IP 55 busway

1000 A

PROJECT 20

Ariston Factory

October | 2026

IP 55 busway

4000 A



Project site



Project site



Busway installation

PROJECT 21

Capital Dubai Mall

New Capital | 2025

Indoor busway

5000 A

10 Sectors Served

Medical	Police hospitals (Nasr City, Rehab) correction-center hospitals ETERNA HCC and CMC medical complexes Well Care Hospital Egypt Radiology Center Shifa Hospital Abu Redis General Hospital
Hotels	One Eleven Alamein hotel compound Tulip El Fursan Hotel (Ismailia) Mirage Smouha
Residential	Green Square Compound Mivida City Forty West Compound Smouha Heights High Town Lotus Gardens Compound
Commercial and malls	N-Square Mall Asala Mall Dubai Mall V90 Mall Address 34 Mall Wessal City Malls Open Air Mall Madinaty Cairo Complex Sheraton NorthPlus Mall Elegantry Mall Teleperformance City Walk Landmark Building

10 Sectors Served (continued)

Industrial	EMC Factory Rameda Pharmaceuticals Factory Delta Factory B.Y Factory Royal Aluminum Factory Americana Factory Exxon Mobil Factory Lioni Factory (Assiut, Free Zone Nasr City, Beni Suef) Toyota Al Bargasy Service Center industrial areas of correction centers
Agricultural	Beleco Farms Zidan Farms ElGamal Farms correction-center farms
Educational	Suez Canal University European University in Egypt
Government and security	Ministry of Interior (security directorates, central security camps, New Security Complex, police academy) Ministry of Defence New Administrative Capital Banque Misr R3 residential complex

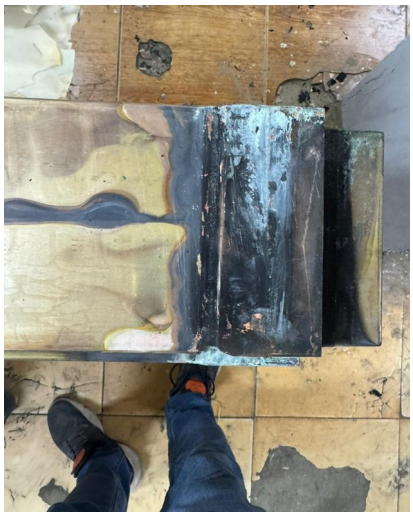
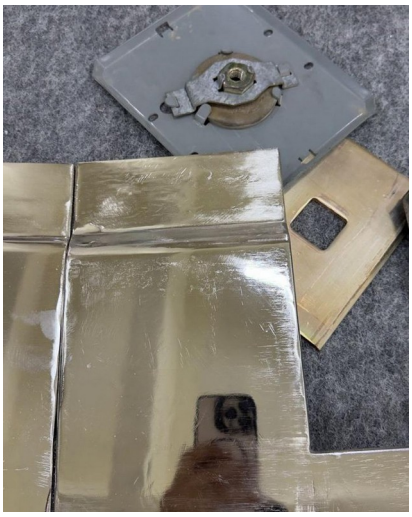
Projects above include work completed in Egypt under the supervision of company engineers and direct follow-up by the technical management.

11 Maintenance Projects

Rameda Pharmaceuticals Factory, October City

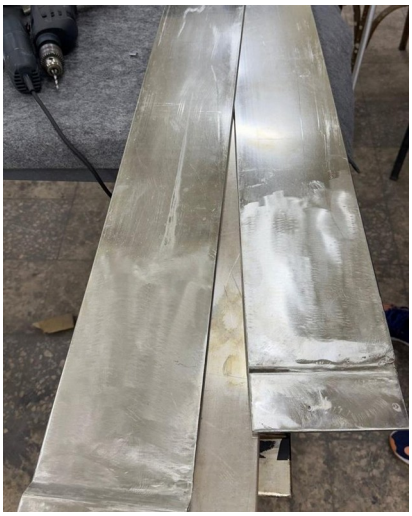
Maintenance project on Square D busbar. Photographs from the maintenance work.




11 Maintenance Projects

Rameda Pharmaceuticals Factory, October City (continued)





Other Busbar Maintenance References

Americana Biscuit Factory, Sadat City

Busbar maintenance project.

Farms, Wadi El Natrun

Busbar maintenance project.

Ministry of Investment, Salah Salem

Maintenance project.

General Traffic Administration, Rehab

Maintenance project.

CMC Hospital

Maintenance project.

12 Contact

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I-Busway for Electrical and Engineering Industries

www.i-busway.com