



Observatoire Europe-Afrique 2030

Data Sheet n°42

Enterprise : A.R.E Group (Egypt)

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Degree of accuracy of the information contained in the data sheet

High

1. Activity of the entreprise

The company manufactures mono and poly-crystalline solar panels.

A.R.E. Group was established in October of 2014

Annual production: 100 MW

Employees: 876

Plant location : QIFT INDUSTRIAL ZONE, QENA GOVERNORATE- BLOCKS 13,14,15,16,17. THE LOCATION IS 40 KM FROM LUXOR INTERNATIONAL AIRPORT.

IT IS LOCATED ON 25000 m².

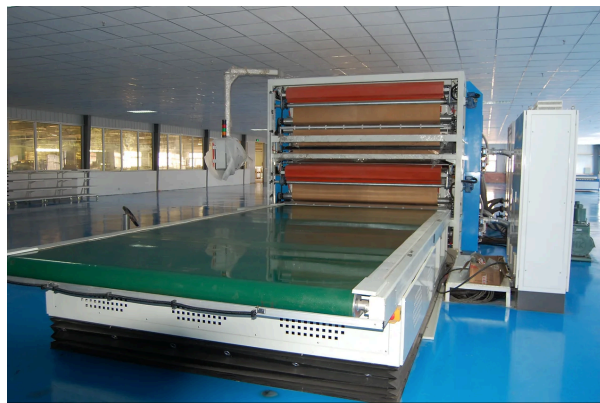
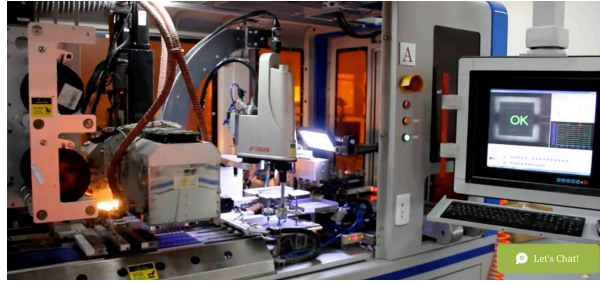
The plant PRODUCES ALL THE COMPONENTS OF SOLAR PANELS AND TO ACHIEVE 100% SUSTAINABILITY FROM LOCAL RESOURCES

IT INCLUDES THE FOLLOWING UNITS:

- SOLAR CELL FACTORY: PRODUCING POLY-CRYSTALLINE SOLAR CELL AT ITS HIGH EFFICIENCY >18% WITH A CAPACITY OF 100 MW/ YEAR.
- SOLAR GLASS FACTORY: PRODUCING SOLAR GLASS WITH A LIGHT TRANSMISSION NOT LESS THAN 93 % AT CAPACITY OF 400,000 M²
- SOLAR PANEL ASSEMBLY FACTORY: PRODUCING SOLAR PANELS (310 W & 325 W) IN 2 MODELS AT A TOTAL CAPACITY OF 100 MW/YEAR
- SOLAR WATER HEATER (150L / 250L) WITH TOTAL CAPACITY OF 40,000 PIECES/ YEAR.
- EVA SHEET PRODUCTION LINE FOR 1.5 MILLION m²
- BACK SHEET PRODUCTION LINE OF 1 MILLION m² /YEAR
- SOLAR PV JUNCTION BOXES SUITABLE FOR THE HIGH CAPACITY SOLAR PANELS
- SOLAR PANEL ALUMINIUM FRAME WORKSHOP.
- MW ROOF-TOP SOLAR POWER STATION TO SUPPLY THE FACTORY WITH ITS ELECTRICITY.

THE PROJECT USES ITS POWER SUPPLY FROM N-ROOF SOLAR POWER STATION OF 1.7MW IN ADDITION TO THE GRID CONNECTION OF 1MW. PRODUCTS STANDS FOR THE INTERNATIONAL TECHNICAL SPECIFICATIONS AND ARE TUV CERTIFIED.

ALL FACILITIES AND PRODUCTION LINES ADHERE TO INTERNATIONAL STANDARDS AND CERTIFICATIONS.



2. Product range

<https://www.aregroupeg.net/products-services>

https://www.aregroupeg.net/files/ugd/cbc4b6_57922b0e3e124122ab2f016981d32ab8.pdf

3. Sources of information

<https://www.aregroupeg.net/>

Solarfeeds.com

4. Contacts

Head Office: Smart Village, K 26 Cairo - Alex Desert Road. Arab Academy Building, 82401 - First floor. Giza, Egypt

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