

EBTICAR

For Producing Solar Panels



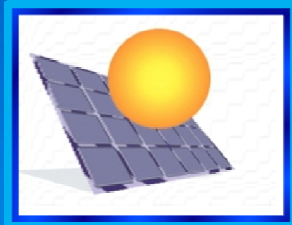
Head office: Egypt – EL Obour City – Suleiman EL Faresy St., – First district.,
Zone. no. 113, 114 – Floor no.2 – flat no.4

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EBTICAR For Producing Solar Panels



Company Profile

EBTICAR for producing solar panels is a company specialized in producing photovoltaic solar panels with high quality , by using polycrystalline cells and high quality materials to insure that the products achieving the high efficiency required and to be the 1st competitor in the Egyptian local market and international market.

EBTICAR has the latest technology for producing photovoltaic solar panels :



Automatic solar module laminator with capacity 16 modules per hour



Solar cell soldering station



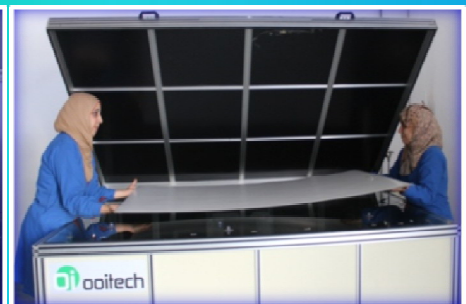
Solar module framing machine



Laser scribing machine & Solar cell tester machine



Solar module tester



EL Defect tester

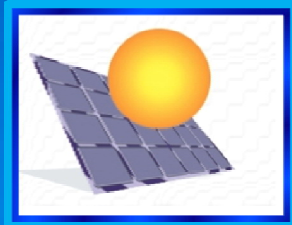
-EBTICAR Producing photovoltaic solar panels have characteristics measured at Irradiance 1000 w/m² , and Temp. 25 °C.

- EBTICAR'S photovoltaic solar panels had been tested by NREA ,in accordance with the standard specifications: IEC60904-1 , IEC60904-3 .

- All PV modules characteristics are complied with **CE**

- All PV modules fulfill the requirements of Application Class A , and the highest industry standards: IEC61215 EN61730-1 & EN61730-2.





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Production Stages & Steps

EBTICAR has a group of specialized engineers and technicians, they had been trained by foreign expertise to ensure producing high quality products.



The strategic goal of the company is producing a highly efficient product that matches with international standards, in addition to the implementation of the ISO system ensures high quality product and ensure competition and to excel in the local and global market.

EBTICAR Production Line



EBTICAR Product

The main product of our company is photovoltaic solar panel with the characteristics Under STC Irradiance 1000 w/m² , Cell Temperature 25° C

Max. Power (P max.)	: 250 W
Voltage at Max. Power Point (Vmp)	: 30.4 V
Current at Max. Power Point (Imp)	: 8.23 A
Open Circuit Voltage (Voc)	: 37.9 V
Short - Circuit Current (Isc)	: 8.65 A
Panel Dimension (mm)	: 1640x990x40
Module Weight	: 20 (Kg)
Application Class	: Class A



Adoption of PV Solar Panel

Our product has been adopted by the New and Renewable Energy Authority (NREA) after conducting the required tests.



Solar Energy Use

Solar energy widely using for either to generate electricity power or thermal and heating usage.



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