Trinasolar
Smart Energy Together

Bazar & Bazar

Johannesburg (South Africa)

Roof-mounted PV system with Honey M module featuring world record technology

130 kW	225 tonnes CO_2	490	Commercial rooftop PV system
System	Emissions avoided	modules	

"We chose Trina Solar for their top quality products and professional customer service. We found the South African Trina Solar team to be extremely helpful in managing the process and ensuring our project timelines were met."

Tim Ohlsen, Executive Director of ELDO Group

Trina Solar was selected as sole supplier of the 130kW of PV modules for the commercial rooftop project in Johannesburg. The project was commissioned to Eldo Energy by Bazar & Bazar Wholesalers, a large national fresh seafood wholesaler and retailer in operation since 1985.

Eldo Energy designed a solar PV power plant which will offset 38% of B&B's electricity load. Based on studies done by Eldo Energy, a 130 kWp rooftop solar PV system was designed on a combination of IBR and concrete roofing. The Solar PV plant will be generating an impressive annual yield of 250,440 kWh.

Comprising of 490 units of Trina Solar DC05A.08-265W monocrystalline solar modules, which are internationally acclaimed for superior efficiency and performance, the project is expected to produce a daily energy yield of 686 kWh.

Trina Solar, a key innovator in the global solar industry, is recognised internationally for developments within the field of renewable energy, and continue developing their business in the uniquely positioned Southern African market. The completed installation of another substantial roof-mounted PV system has been an important success for Trina Solar in South Africa, and has assisted in further solidifying the local Trina Solar footprint.

Bazar & Bazar Wholesalers

LOCATION
Johannesburg, South Africa

SYSTEM TYPE
Commercial rooftop

SYSTEM SIZE
130 kW

PRODUCT
DC05A.08 265W

NUMBER OF MODULES
490

ANNUAL ENERGY OUTPUT
250,440 kWh

COMPLETION DATE
June 2014

Trina Solar TSM-DC05A.08 The Honey M Series

With 260 to 270 W output our Honey M products meet all the requirements of a rooftop installation. Trina Solar has already set two world performance records with the innovative cell technology which is used. In diffused light in particular Honey M modules generate higher yields than others. In addition they withstand high snow and wind loads. Our testing procedures and quality controls are stricter than the highest international standards. Optionally Honey M is also available with the integrated Trinasmart output optimiser, which monitors and controls the installation and increases system performance by up to 20 %.The better looking module has consistent cell coloring and a black frame, and also boasts better performance under low light conditions.