

FEATURED EQUIPMENT: JINKO SOLAR

MORE SOLAR. BUILT AROUND YOU.

Jinko Solar Tiger Neo 590-610 W panel solutions - professionally designed, installed and supported by Dinoko Automation.

Professional solar from assessment to support

Site assessment | System design | Installation
Commissioning | Performance checks | Maintenance

610 W

MAXIMUM RATED POWER

21.82%

MODULE EFFICIENCY

30 YR

LINEAR PERFORMANCE

**BOOK A SITE
ASSESSMENT**

010 100 3645 | 073 787 0295

YOUR TECHNICAL PARTNER

Why customers choose Dinoko Solar

We combine solar expertise with Dinoko's broader electrical, automation and security capability - giving customers one accountable team.

OUR PROMISE

**Right-sized.
Safely installed.
Ready to support.**

Designed around your loads, backup priorities, roof space and expansion plan.

2015

DINOKO ESTABLISHED

**ASSESS & DESIGN**

Load analysis, site inspection and a solution matched to your priorities.

**INSTALL & COMMISSION**

Professional installation, protection, testing, performance checks and handover.

**COMPLIANCE-MINDED**

Clear workmanship, documentation and electrical compliance support.

**AFTER-SALES SUPPORT**

Maintenance, fault finding, upgrades and practical customer guidance.

More than panel supply

- Residential, commercial and institutional solar arrays
- System upgrades, reconfiguration and expansion
- Electrical wiring, troubleshooting and rewiring
- Panel cleaning, inspection and performance support

BUILT FOR REAL CUSTOMER NEEDS

Homes. Schools. Estates. Businesses.

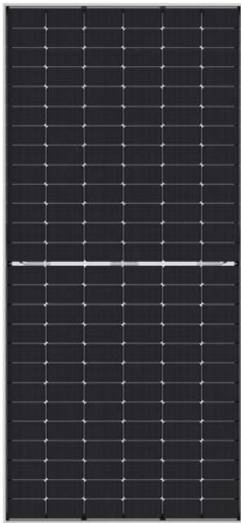
Whether you want dependable backup, lower grid dependence or a scalable energy system, Dinoko manages the journey from first assessment to final handover.

FEATURED HIGH-OUTPUT MODULE

Tiger Neo N-type 78HL4-BDV

A 590-610 W bifacial dual-glass module range for high-performance residential, commercial and institutional solar arrays.

590-610 W



More energy from every roof

High module power, N-type cells and bifacial design support strong energy yield.

590-610 W

RATED MODULE POWER
RANGE

21.82%

MAXIMUM FRONT-SIDE
MODULE EFFICIENCY

156

N-TYPE
MONO-CRYSTALLINE

2465 mm

MODULE LENGTH; 1134
MM WIDE

34.6 kg

DUAL-GLASS MODULE
WEIGHT

IP68

JUNCTION BOX
PROTECTION RATING

Why this module stands out

- SMBB technology for light trapping and current collection
- Hot 2.0 N-type technology for lower LID / LETID
- PID-resistant design and positive 0 to +3% power tolerance
- Bifacial factor stated at 80 +/- 5%
- Certified wind load 2400 Pa and snow load 5400 Pa
- Operating temperature range from -40 C to +85 C
- Maximum system voltage of 1500 V DC (IEC)
- Anodized aluminium frame and 2.0 mm front / back glass

Technical source: Jinko Solar JKM590-610N-78HL4-BDV-F1-EN manufacturer datasheet, 2021 edition.

Datasheet states a 12-year product warranty and 30-year linear performance warranty; final applicable terms are confirmed in the quotation.

FROM SUNLIGHT TO REAL SAVINGS

Choose the solar outcome you need

Every Dinoko array is designed after a site assessment. These solution paths help you start the right conversation.



Essential Backup

HOMES AND SMALL OFFICES

- Solar generation for priority loads
- Daytime battery charging
- Support for gate and security systems
- Backup when paired with storage



Everyday Independence

HIGHER DAILY SOLAR USE

- Higher daytime solar production
- Stored energy for evening demand
- Efficient use of available roof space
- Expansion planned from day one



Business Continuity

CRITICAL OPERATIONAL LOADS

- Larger commercial roof arrays
- Networks, CCTV and access control
- Selected office or process loads
- Generation and backup strategy

WHAT WE ASSESS BEFORE WE QUOTE

A system should match your site - not a generic package.

01 Energy profile

Monthly consumption, day / night usage and priority loads.

02 Peak demand

Starting currents, simultaneous loads and future appliances.

03 Roof and structure

Orientation, shading, available area, fixing method and cable routes.

04 System integration

Inverter limits, string design, battery strategy and expansion planning.

PV modules do not provide backup power on their own. Actual generation and backup depend on measured load, array design, inverter, battery capacity, operating schedule, weather, shading and installation conditions.

READY FOR RELIABLE POWER?

Let's design the right solar system for you.

Book a professional site assessment with Dinoko Solar and receive a solution based on your property, priorities and growth plans.

YOUR DINOKO SOLAR JOURNEY



Talk to Dinoko Solar

Serving Gauteng | Nationwide project support by arrangement

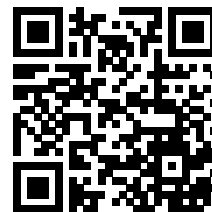
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SCAN TO VISIT
OUR WEBSITE

BOOK YOUR ASSESSMENT

Dinoko Automation is an independent solar solutions provider and installer. Jinko Solar is a trademark of its respective owner.
Final configuration, availability, warranties, approvals and compliance requirements are confirmed in the formal quotation.