

FEATURED EQUIPMENT: DEYE HYBRID

# SMARTER ENERGY. BUILT AROUND YOU.

Deye 8 kW hybrid solar solutions - professionally designed, installed and supported by Dinoko Automation.



## Professional solar from assessment to support

Site assessment | System design | Installation  
Commissioning | App setup | Maintenance

**8 kW**

HYBRID POWER

**IP65**

PROTECTED DESIGN

**190 A**

CHARGE / DISCHARGE

**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, app setup and handover.

**COMPLIANCE-MINDED**

Clear workmanship, documentation and electrical compliance support.

**AFTER-SALES SUPPORT**

Maintenance, fault finding, upgrades and practical customer guidance.

## More than an inverter installation

- Residential and business solar solutions
- Backup power, upgrades and system expansion
- Electrical wiring, troubleshooting and rewiring
- Security systems that remain powered when the grid is down

## 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 HYBRID INVERTER

# Deye SUN-8K-SG01LP1-EU

A flexible 8 kW single-phase hybrid platform for new solar installations, battery backup and selected retrofit projects.

8 KW HYBRID



## Power that works both ways

Use solar now, store it for later, and control charging across the day.

**8 kW**

RATED AC INPUT /  
OUTPUT ACTIVE POWER

**10.4 kW**

MAXIMUM PV INPUT  
POWER

**190 A**

MAXIMUM CHARGE /  
DISCHARGE CURRENT

**97.6%**

MAXIMUM EFFICIENCY

**IP65**

INGRESS PROTECTION  
RATING

**2 MPPT**

TWO TRACKERS WITH 2  
+ 2 STRINGS

## What the platform supports

- 40-60 V lead-acid or lithium-ion battery input
- Up to 16 units in parallel for on-grid or off-grid operation
- Wi-Fi, RS485 and CAN communication interfaces
- Six programmable battery charge and discharge periods
- AC coupling to support selected existing solar retrofits
- Maximum continuous AC passthrough of 50 A
- Energy storage from a compatible diesel generator
- Low noise design: less than 30 dB

Technical source: Deye Hybrid Inverter datasheet SUN-7.6/8K-SG01LP1-EU, March 2024.

Product warranty is stated as 5 or 10 years depending on the final installation site and the applicable Deye warranty policy.

## FROM BACKUP TO INDEPENDENCE

# Choose the solar outcome you need

Every Dinoko system is sized after an assessment. These solution paths help you start the right conversation.



## Essential Backup

### HOMES AND SMALL OFFICES

- Lighting and selected plugs
- Fridge, Wi-Fi and television
- Gate, garage and security systems
- Battery backup during outages



## Everyday Independence

### HIGHER DAILY SOLAR USE

- More daytime loads on solar
- Stored energy for evening use
- Selected appliances and workstations
- Expansion planned from day one



## Business Continuity

### CRITICAL OPERATIONAL LOADS

- Networks, CCTV and access control
- Point-of-sale and office equipment
- Selected pumps or machinery
- Load-priority 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 Solar opportunity

Roof orientation, shading, space, structure and cable routes.

#### 04 Backup target

Required runtime, battery strategy and essential-load planning.

Load examples are indicative only. Actual capacity, backup duration and appliance coverage depend on measured load, battery size, solar array, operating schedule 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

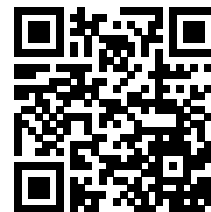
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SCAN TO VISIT  
OUR WEBSITE

**BOOK YOUR ASSESSMENT**

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Final configuration, availability, warranties, approvals and compliance requirements are confirmed in the formal quotation.