

# Powering Africa's Tomorrow with **SOLAR**

Clean, reliable energy — backed by  
global innovation and local expertise.





## Index

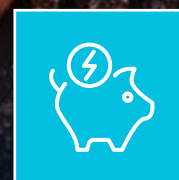
<b>WHY SOLAR, WHY WEG</b>	<b>03</b>
<b>THE WEG ADVANTAGE</b>	<b>04</b>
<b>WEG IN NUMBERS</b>	<b>04</b>
<b>THE RIGHT SOLAR SOLUTIONS FOR EVERY NEED</b>	<b>05</b>
<b>OUR PRODUCT RANGE</b>	<b>06</b>
<b>WEG INVERTERS AND STORAGE</b>	<b>07</b>
<b>UNLOCKING THE FUTURE WITH WEG C&amp;I SOLUTIONS</b>	<b>08</b>
<b>BECOME A WEG SYSTEM INTEGRATOR</b>	<b>09</b>
<b>YOUR QUESTIONS, ANSWERED</b>	<b>10</b>
<b>BRANCH CONTACT DETAILS</b>	<b>12</b>

# WHY SOLAR, WHY WEG.

## Take control of your energy future.

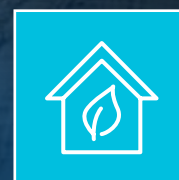
For over 60 years, WEG has been a trusted name in energy, with products operating in more than 135 countries. In Africa, our 40-year track record means we understand local challenges, from rising costs to load shedding and deliver solutions built to last. With WEG, you get the strength of a global brand and the support of a local partner.

Solar power gives families freedom from rising bills and helps businesses stay productive during outages. With WEG, you get clean, reliable energy that pays back for years to come.



### Beat rising costs

Shield yourself from unpredictable electricity price hikes.



### Stay resilient

Keep your home or business powered through load shedding and outages.



### Protect the planet

Choose clean energy that reduces your carbon footprint.



### Energy independence

Rely less on the grid and take control of your own supply.

# The WEG Advantage



**One brand.  
One warranty**

A complete, one-stop-shop solution backed by a single trusted name.



**10-year product warranty**

Batteries and inverters designed to last and guaranteed for a decade.



**Local support**

Warehousing, training, and service across Africa ensure fast response times.



**Certified Partner Network**

Expert installers trained and supported directly by WEG.



**Scalable & future-ready**

Systems designed to grow with your needs and adapt to tomorrow's technologies.

## WEG in numbers



**+1 million**

Over a million square meters of commercial and industrial premises.



**+12k**

hectares of reforestation, **55%** of renewable resources and **45%** of native forest.

Product portfolio with over  
**1,500**  
product lines.



**+47k**  
employees worldwide.



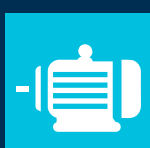
OVER  
**+291k**  
MVA in generators manufactured.



OVER  
**1,1bn**  
automation products manufactured.



OVER  
**+76k**  
MVA of transformers manufactured annually.



**+76 thousand**  
motors manufactured daily.

**66**

Manufacturing sites in **18 countries** and Operations in **42 countries.**

# The Right Solar Solutions For Every Need

Whether it's powering homes, businesses, or off-grid projects, WEG offers tailored solar systems built to endure African conditions and deliver lasting value. Homeowners can easily access these reliable solar solutions through authorised distributors.

## Residential Systems

Smart, safe, and simple to install perfect for families who want lower bills and reliable power.



**Single-Phase Hybrid Inverter**

**Ideal for:** homes, farms, villas, remote residences.

- ✓ Hybrid Inverters from 10.5kW.
- ✓ Single-phase Hybrid Inverters from 5kW to 10,5kW.
- ✓ Long-life modular 10kWh batteries for easy expansion.
- ✓ Noiseless inverter (excluding cooling fans).
- ✓ Clean design.

## Commercial and Industrial Systems

Scalable power that keeps businesses productive and protect against load shedding.



**Three-Phase Hybrid Inverter**

**Used by:** hotels, schools, factories, agriculture, telecoms, and other industries.

- ✓ Three-phase Hybrid Inverters from 15kW to 30kW and from 60kW to 125kW for flexible integration.
- ✓ Ongrid Inverters from 75kW to 110kW for stable, large-scale supply.
- ✓ Solar-first priority with automatic backup from the grid or generator for uninterrupted power.
- ✓ Diesel generator integration for uninterrupted operations.

## Utility-Scale systems

Reliable energy where the grid is weak or doesn't exist at all.



**Three-Phase Ongrid Inverters**

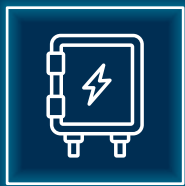
**Perfect for:** industrial facilities, mining operations, telecom towers, large agricultural projects.

- ✓ Delivers consistent, reliable energy for large operations.
- ✓ Seamlessly integrates with solar and battery systems for energy efficiency and resilience.
- ✓ Ensures smooth connection to the grid for optimised energy flow.
- ✓ PCS systems from 100kW/215kWh and 125kW/261kWh for managing peak demand and energy arbitrage.

# Our Product Range

## A complete solar system, built to work as one

With WEG, every part of your solar system works seamlessly together, panels, inverters, batteries, and monitoring designed as one complete solution. That means more reliability for installers, and more peace of mind for families and businesses.

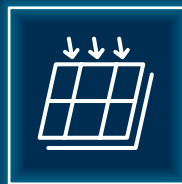


### Inverters

- ✓ SIW 200H Single-phase from 5kW to 10,5kW.
- ✓ SIW 400H Three-phase from 15kW to 30kW.
- ✓ Three-phase range from 60kW to 125kW.

10y warranty for the Hybrid and Ongrid Inverters.

5y Warranty for Utility scale Ongrid Inverters >300kW inverters above.



### Solar modules

Range of Tier 1 PV panels with the latest technologies, ready for delivery and customised inquiries available on a make-to-order basis to suit specific project needs.



### Battery systems

- ✓ SBW CB100 - 10kWh battery (suited for inverters from 5 to 30kW).
- ✓ SBW400 CB160 (suited for 60kW to 125kW).

All batteries come with high safety and built-in fire extinguishers.

10y Warranty on all battery systems.



### Smart monitoring

[WEG PV Cloud] Track usage, savings, and system health anytime via app or web.



# WEG Inverters and Storage

## Smart power. Built for reliability.

WEG inverters and batteries combine advanced engineering with everyday reliability, delivering safe, efficient power that scales with your needs, from a single home to an entire industry.

### Single-Phase Hybrid Inverters

Reliable solar and storage for homes and small businesses.



<b>Standard</b>	5 / 6 / 8 / 10.5 kW
<b>Features</b>	<input checked="" type="checkbox"/> IP65 protection
	<input checked="" type="checkbox"/> Multi-MPPTs for solar capture
	<input checked="" type="checkbox"/> Flexible battery integration

### Three-Phase Hybrid Inverters

Smart power for larger sites and industries.



<b>Standard</b>	15 / 20 / 25 / 30 Kw
<b>Features</b>	<input checked="" type="checkbox"/> IP65 protection
	<input checked="" type="checkbox"/> Multi-MPPTs for solar capture
	<input checked="" type="checkbox"/> Uninterrupted generator support

### On-Grid Inverters (C&I)

High-efficiency solar for commercial rooftops and carports.



<b>Standard</b>	75 / 100 / 110 kW
<b>Features</b>	<input checked="" type="checkbox"/> High conversion efficiency
	<input checked="" type="checkbox"/> Low THD
	<input checked="" type="checkbox"/> Remote monitoring

### PCS Cabinet Solutions (C&I Storage)

Large-scale battery storage that stabilises supply.



<b>Standard</b>	100 kW / 215 kWh and 125 kW / 261 kWh
<b>Features</b>	<input checked="" type="checkbox"/> Ideal for peak shaving
	<input checked="" type="checkbox"/> Self-consumption
	<input checked="" type="checkbox"/> Backup

### LFP Battery Systems

Safe, long-lasting storage you can trust.



<b>Standard</b>	10 kWh modules
<b>Features</b>	<input checked="" type="checkbox"/> 6,000+ cycles
	<input checked="" type="checkbox"/> Built-in fire extinguisher
	<input checked="" type="checkbox"/> 10-year warranty

### Junction Box

Reliable Power Distribution for demanding application.



<b>Standard</b>	Up to 40 kWh
<b>Features</b>	<input checked="" type="checkbox"/> Supports 4 batteries in parallel
	<input checked="" type="checkbox"/> Easy installation
	<input checked="" type="checkbox"/> IP65 Protection Level

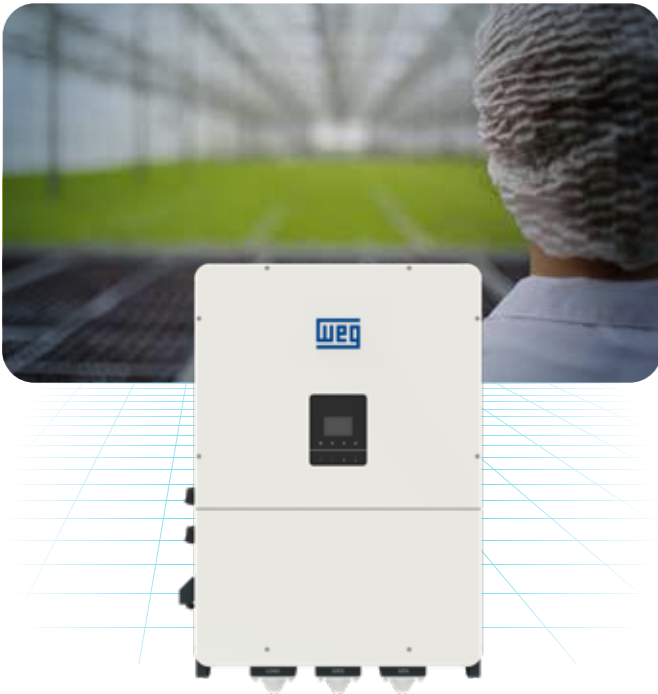
# Unlocking the future with WEG C&I solutions

## Powering Progress. Empowering Industry.

Keep your operations running sustainably and efficiently. Hybrid Inverters and high-voltage batteries like the SIW400H W30 and SBW400 W00 are designed for commercial, industrial, and agribusiness energy needs.

### Three-Phase High Power Hybrid Inverters

Next-generation Hybrid Inverter designed for commercial and industrial use. Delivers high performance, reliability, and scalable battery integration.



**SIW400H T060/T075/T100/T125**

**Ideal for:** commercial facilities, industries, estates, farms.

- ✓ Inverters from 60kW up to 125kW, expandable up to 1,25MW of hybrid power.
- ✓ Up to 98.2% efficiency.
- ✓ EPS function <10 ms switching.
- ✓ Supports 100% unbalanced load.
- ✓ Smart air cooling.

### High Voltage Battery System

Modular, high-efficiency storage solution for scalable energy systems.



**SBW400 W00**

**Used by:** hotels, schools, factories, agriculture, telecoms, and other industries.

- ✓ Expandable up to 240kWh per pack, 720kWh per inverter, for systems reaching up to 7,2MWh.
- ✓ 90% Depth of Discharge (DoD).
- ✓ >92% round-trip efficiency.
- ✓ Intelligent air cooling.
- ✓ Floor-mounted and easy installation.

# Become a WEG System Integrator

**Join WEG's global network  
and start providing reliable,  
high-performance energy solutions.**

As a WEG System Integrator, you'll get access to exclusive training, local support, and the full range of top-quality products to meet your clients' energy needs.

## Why Partner with WEG?



### Comprehensive Training

Stay ahead with expert-led training on the latest WEG technologies.



### Trusted Brand

Boost your reputation with a globally recognised, reliable energy leader.



### Local Support

Access fast, dedicated assistance from WEG's service centers across Africa.



### Business Growth

Expand your offerings with WEG's full range of high-performance inverters and energy storage systems.

Start offering reliable,  
high-efficiency energy  
solutions today.



## Your Questions, Answered

Q1

**Will the system work when the grid is down?**

Yes. With WEG hybrid systems and batteries, your essential loads stay powered during outages.

Q2

**Can I start small and expand later?**

Absolutely. WEG systems are modular, so you can add batteries or capacity as your needs grow.

Q3

**What happens at night or on cloudy days?**

Stored battery power covers you with the grid or generator as backup if needed.

Q4

**What support is available after installation?**

Our certified partners are trained by WEG, and our service hubs in Africa provide ongoing support.

Q5

**Is my investment protected?**

Yes. Inverters and batteries come with a 10-year warranty.

Q6

**Can I track my savings?**

Easily. The WEG PV Cloud app shows your usage, savings, and system health.



Safety



Efficiency



Durability



Smart Monitoring







# BRANCH CONTACT DETAILS

Join thousands of businesses and families choosing WEG for reliable, future-ready solar solutions.

**Getting started is simple.**

## RUSTENBURG

6 Kgwebo Road, Mabe Business Park, Old Pretoria Road  
P O Box 649, Rustenburg 0300  
**Tel** +27 (0) 14 594 0450  
**Fax** +27 (0) 86 417 8155  
**rustenburg@weg.net**

## JOHANNESBURG

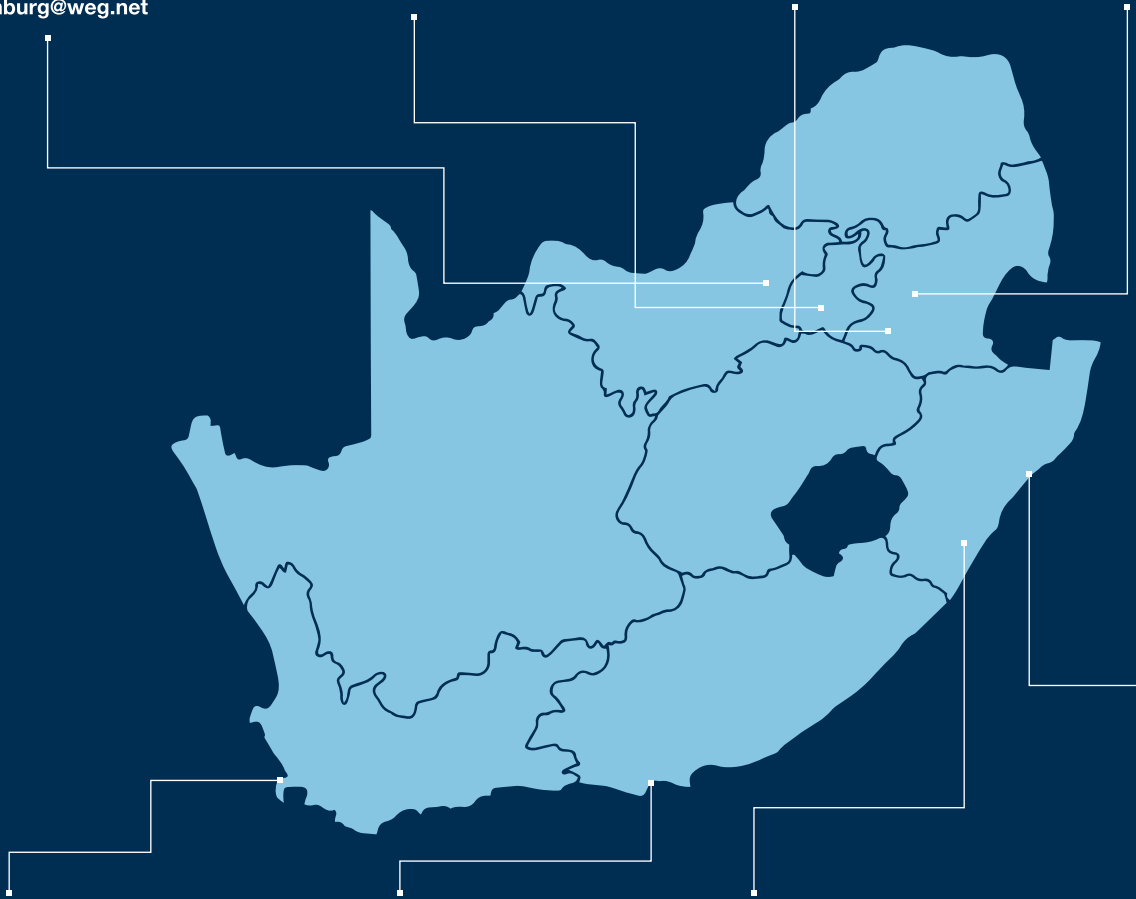
6 Laneshaw Street, Longlake Ext 4  
Johannesburg 1619  
Private Bag X10011, Sandton 2146  
**Tel** +27 (0) 11 723 6000  
**info\_africa@weg.net**

## TRICHARDT

3 Schabert Street, Trichardt  
P O Box 1626, Secunda 2302  
**Tel** +27 (0) 17 638 1571  
**Fax** +27 (0) 86 417 8336  
**trichardt@weg.net**

## MIDDELBURG

6 Wicht Street, Vaalbank, Middelburg  
**Tel** +27 (0) 13 246 2849  
**Fax** +27 (0) 86 417 8404  
**mpumalanga@weg.net**



## CAPE TOWN

1D Harvest Close,  
Richmond Park, Cape Town  
P.O Box 36582, Chempet 7442  
**Tel** +27 (0) 21 551 2710  
**Fax** +27 (0) 86 417 8153  
**capetown@weg.net**

## GQEBERHA

1 Millennium Road, Old Showgrounds, North End  
P.O Box 2565, North End 6056  
**Tel** +27 (0) 41 486 1262  
**Fax** + 27 (0) 86 417 8358  
**gqeberha@weg.net**

## DURBAN

51 Island Circle, Riverhorse Valley Business Estate  
P O Box 20667 Durban North 4016  
**Tel** +27 (0) 31 569 7260  
**Fax** +27 (0) 86 417 8424  
**durban@weg.net**

## RICHARDS BAY

100 Alumina Allee,  
Richards Bay  
**Tel** +27 (0) 35 751 1607  
**Fax** +27 (0) 86 417 8296  
**richardsbay@weg.net**



+27 (0) 11 723 6000

[info\\_africa@weg.net](mailto:info_africa@weg.net)

6 Laneshaw St, Longlake Ext 4,  
Johannesburg, South Africa

[www.wegafrica.net/solar](http://www.wegafrica.net/solar)

50160884

Rev: 01 | 11/2025.

The values shown are subject to change without prior notice.  
The information contained is reference values.