



COMPANY PROFILE

**“Your Reliable Solar Energy Partner”
Think Solar-Think Shesha**

**WE DESIGN
WE INSTALL
WE POWER**

www.sheshasolar.co.za

**shesha
solar**





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Who is Shesha Solar?

Shesha Solar is a 100% Black Owned BBB-EE Level 1 entity. Shesha Solar specialises in Solar Energy Storage Services, Solar Panels Supply and Installations, Solar Plant Management, Solar Design and Consultations, as well as Solar Installation Project Management. Our Core Objectives and Strategies are anchored around reducing the inconveniences of Load-Shedding, reducing electricity costs and more importantly-connecting businesses and residents that are not on the Grid (Off-Grid Connection).

Food and Water sources are part Global Crisis, we are dedicated on focusing our efforts into making sure that Farming and Agricultural entities and communities are constantly connected to consistent power supply through our solar energy solutions.



Vision:

We believe in continuous improvement. We will strive to improve our technological capabilities and quality of our products.

Mission:

To become a leading South African Solar Energy company within the next 5 Years

Strategy

Our Unique Selling Proposition (USP) would be anchored around:

- Technology Driven Customer Relationship Management (CRM) processes.
- High quality standards and Customer Centric Strategies.
- 24/7 Customer Support and Services
- Offering continues and outstanding technical support and pre/post Sales Support Services to our customers.

Our Services



Solar Project Management
and Implementation



Solar System Design
and Sizing

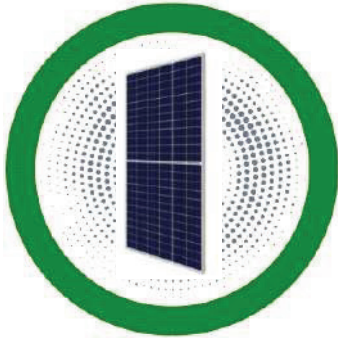


Solar Energy Bill of Quantities
(BOQ) Preparations



Solar Materials Sourcing
and Procurement

Our Solar Products



Solar Panels



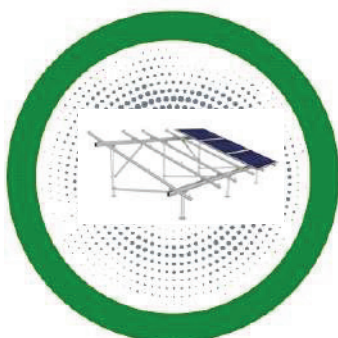
Inverters



Batteries



Cables and
Accessories



Mounting Structure



Charge Controllers

Our Solar Energy Systems

1

GRID-TIED SYSTEMS

It is commonly known as grid-connect solar, grid-tie solar or grid-feed solar system.

- This solar power system is normally connected to the grid.
- It has no batteries connected to it.
- The solar panels generate direct-current (DC) electricity when light hits them, then converted into alternating current (AC)

2

OFF-GRID SYSTEMS

An off-grid solar power system is similar to an on-grid system, except that you need to add a battery inverter and a battery bank. There are few reasons you might choose to go off-grid:

- There is literally no electricity grid where you live.
- There are areas in rural South Africa and informal settlements that have no access to electricity.
- There is a grid, but the nearest connection point is a long way from your home or commercial property.
- And your local electricity service provider charges you an arm and a leg to connect you. In this case, it may be cheaper to go off-grid.
- More importantly, it is cheaper to go off-grid

3

HYBRID SYSTEM

Hybrid solar power systems are the best of both worlds: you are guaranteed (well, 99.9% of the time) electricity supply of the grid, with the ability to store your excess solar energy for use when the sun isn't shining. This typically reduces your dependence on grid imports by 70% to 95%.

A hybrid system is generally configured to charge the batteries with excess solar energy – as this is the cheapest form of energy you can get. Once the batteries are full, the excess solar can be sold back to the grid- (Once South African legislation allows users to do so).

When there is not enough solar energy to power your home or commercial property, the battery inverter will do its best to provide power from the battery. If it can't provide enough power because it is running flat, then the grid will provide the shortfall.

Our Process

1

STEP 1 CONSULTATION

Our Specialists will either prepare a desktop consultation process or visit the site to assess the energy/power needs. This process is generally offered FOR FREE. There could be circumstances under which there would be cost implications i.e. higher accommodation costs, travel costs etc.

2

STEP 2 PROPOSAL

Once the needs have been identified, a proposal would be shared with the client based on the right energy and power solution before proceeding to the next step.

3

STEP 3 DELIVERY AND INSTALLATION

Delivery and installation will happen after the client has accepted the proposal as well as the cost structure (Quote and BOQ). At this stage the project would be implemented and rolled out.

4

STAGE 4 COMPLETION

Once the project is completed, it would be handed over to the client with a maintenance plan or without it depending on the project structure. At this stage, the client would start getting full benefits of solar energy.

Solar Brands



Benefits of Using Our Solar Energy Solutions

Reduce Electricity Bills

Our solar energy solutions help in reducing electricity bills. Bills may decrease up to almost 80% and reduce the reliability on Eskom Grid.

Increase Property value

Properties that have solar energy solutions enjoy the benefits of positive value increment as well as on-going Return-on-Investment (ROI), Value on a property can increase up to 20%.

Buyers find properties with solar energy solutions to be attractive.

Help avoid load shedding

Solar energy solution with storage is the most ideal solution that beats load shedding at any given time of the day and season of the year. Solar solutions allow generation of solar energy that gets converted into Alternating Power (AC).

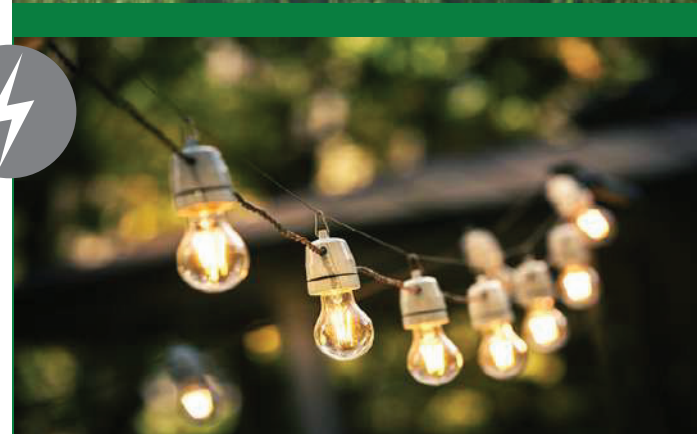
Reduce Carbon Footprint

Free Energy

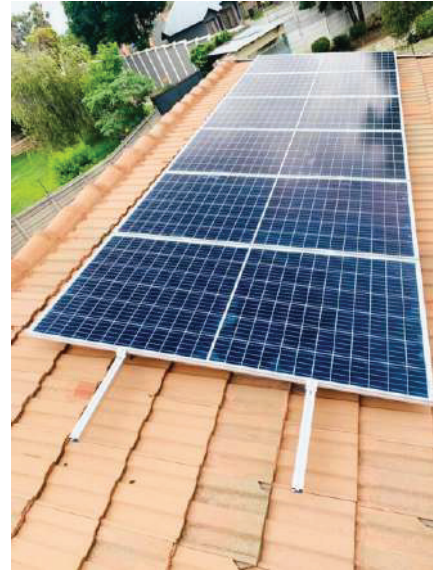
Solar energy is created and converted for free. Storage (Batteries) is the only cost driver.

Reduce Carbon Footprint

Unlike other forms of energy generations, Solar energy is one of the environmentally friendly energy producers on the world. It doesn't not affect or impact climate change and cause any damage to the environment.



Our Projects



Think Solar. Think Shesha



Contacts

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