



# Renewable Energy Catalogue.

Inverter | Battery | Solar



intasolito  
energy solutions

# INTRODUCTION

There is a global need for individuals and organizations to contribute to building sustainable homes and cities. Reducing the amount of fossil fuels burnt daily would help curb the global challenge of climate change. Simply put, building sustainable homes is challenging when the national power grid has crashed over 210 times in Nigeria since 2010 till date.

Power supply challenges is crippling the economic development across various sectors in Nigeria.

With the rising insecurity challenges, the safety of homes and businesses must be prioritized and made accessible to many. There is need to integrate automated systems, the connectivity provided by the internet of things(ioT) with renewable energy sources.



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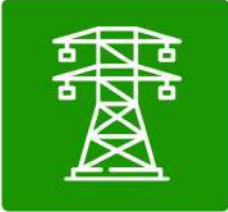
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# PROBLEMS



**The National Grid has crashed over 220 times**



**Fuel scarcity and the skyrocketed price of diesel affects the living standards about 65% of Nigerians**



**\$29 Billion is lost by Nigerian businesses annually due to epileptic power supply**



**A popular adage in pigin says: Them no dey tell blind man sey rain dey fall. In order words, Subsidy is gone!**



**The lack of reliable power supply has stifled economic activity, job creation which is ultimately what is needed to lift millions of Nigerians out of poverty.**



Security and surveillance systems are truncated by poorly designed smart home systems



It is estimated that electricity generator sets consume \$22 billion worth of fuel yearly.



Emeka is tired of turning on and off the generator

How might we ensure that homes and businesses are powered by renewable energy solutions and automated to increase safety, comfort, style and elegance?

# OUR SOLUTION

Intavalto, we seek to supply a suite of solutions tailored to meet the needs of individuals and businesses.

In order to support the growth of businesses, power the automation of homes and offices and also reduce the impact of climate change on the environment; Intavalto leverages data-driven engineering to design, distribute and deploy automated systems and renewable energy solutions custom-made with the client in mind.

Our goal is to “power comfort, style and safety for the customer” by delivering services and systems that curtail risk and inefficiencies at home and in the offices.



**Residential &  
Corporate Smart  
Homes Products  
& Systems**



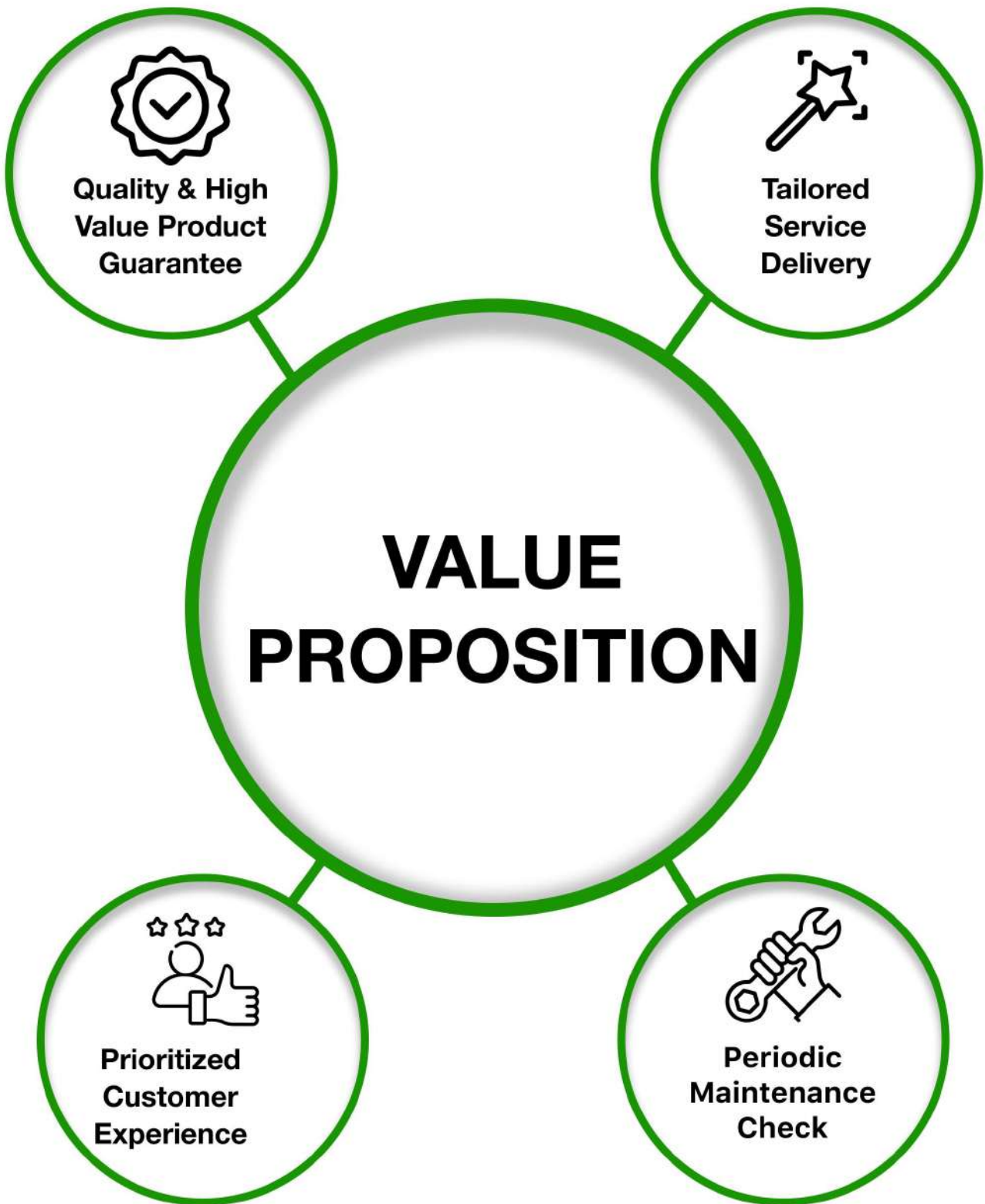
**Eco-Friendly  
Support  
Practices**



**Maintenance  
Efficient  
Automated  
System**



**Data-driven  
Engineering  
Design &  
Installation**



# MARKET & TRACTION



**\$75 BILLION**  
Market Opportunity



**200M**  
Population



**2000+**  
Clients Served



# PACKAGES

Discover The Perfect  
Green Energy Plan  
For You.





**STARTER**

P A C K A G E

SELFCON AND 1 BEDROOM

# STARTER

P A C K A G E



## 1kva/12V Inverter System

To power a maximum load of 640W

**Package includes:**

- 1kva/12V Inverter
- 1 battery (220Ah/12V)
- 2 Panels (300W/24V)
- Battery Rack
- Delivery
- Installation

**N1,208,000**



## 1kva/12V Inverter System

To power a maximum load of 640W

**Package includes:**

- 1kva/12V Inverter
- 1 battery (220Ah/12V)
- Battery Rack
- Delivery
- Installation

**N742,000**



## 1.5kva/24V Inverter System

To power a maximum load of 1000W

**Package includes:**

- 1.5kva/24V Inverter
- 2 batteries (220Ah/12V)
- 4 Panels (300W/24V)
- Battery Rack
- Delivery

**Installation N1,991,000**

# STARTER

P A C K A G E



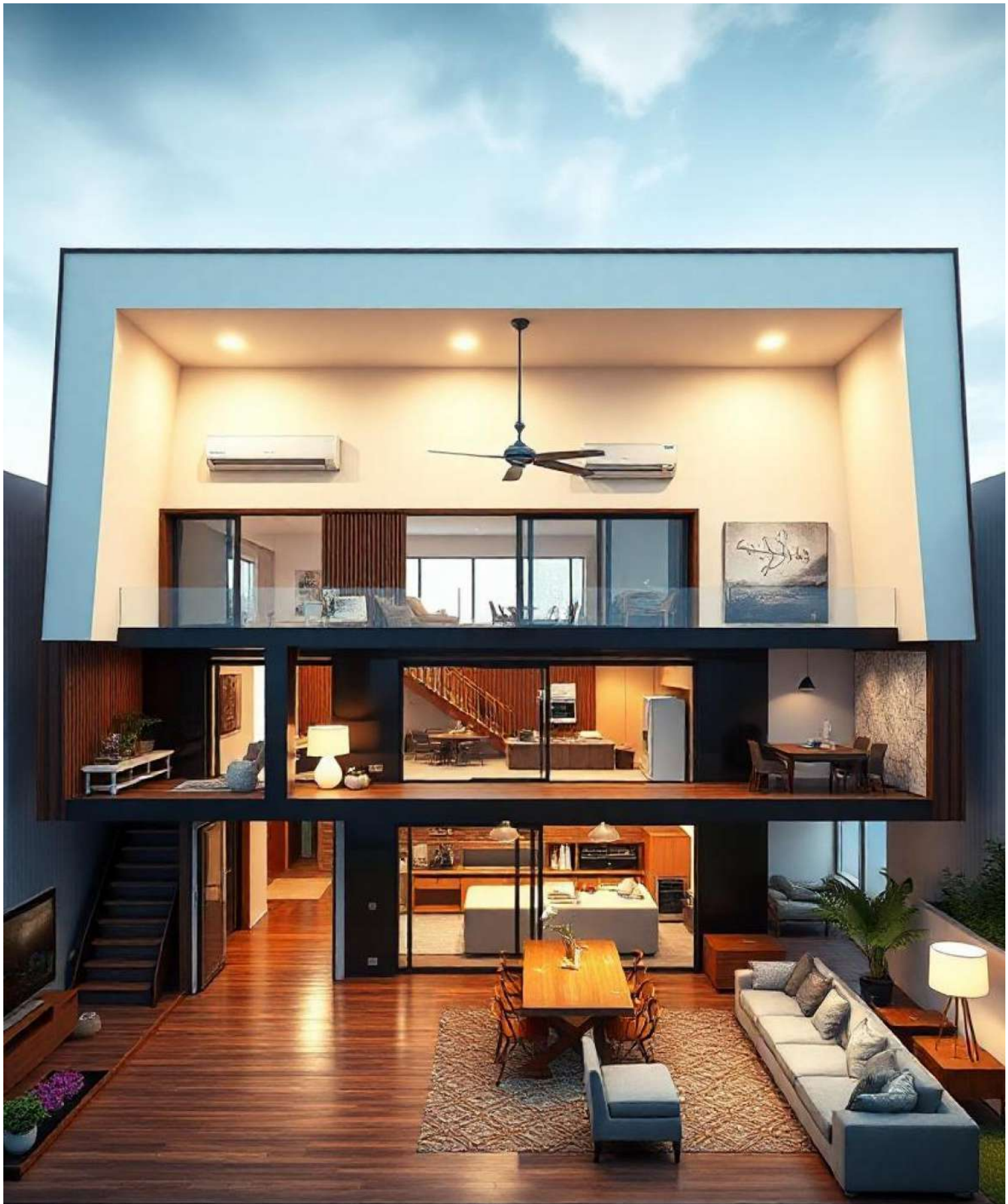
## 1.5kva/24V Inverter System

To power a maximum load of 1000W

### Package includes:

1.5kva/24V Inverter  
2 batteries (220Ah/12V)  
Battery Rack  
Delivery  
Installation

**N785,000**



**CLASSIC**

**P A C K A G E**

**2 BEDROOM - 4 BEDROOMS**

# CLASSIC

P A C K A G E



## 2.5kva/24V Inverter System

To power a maximum load of 2000W

**Package includes:**

- 2.5kva/24V Inverter
- 2 batteries (220Ah/12V)
- 4 Panels (300W/24V)
- Battery Rack
- Delivery
- Installation

**N2,223,000**



## 2.5kva/24V Inverter System

To power a maximum load of 2000W

**Package includes:**

- 2.5kva/24V Inverter
- 2 batteries (220Ah/12V)
- Battery Rack
- Delivery
- Installation

**N1,346,000**



## 3.5kva/48V Inverter System

To power a maximum load of 3000W

**Package includes:**

- 3.5kva/48V Inverter
- 4 batteries (220Ah/12V)
- 6 Panels (550W/24V)
- Battery Rack
- Delivery

Installation **N1,346,000**

# CLASSIC

P A C K A G E



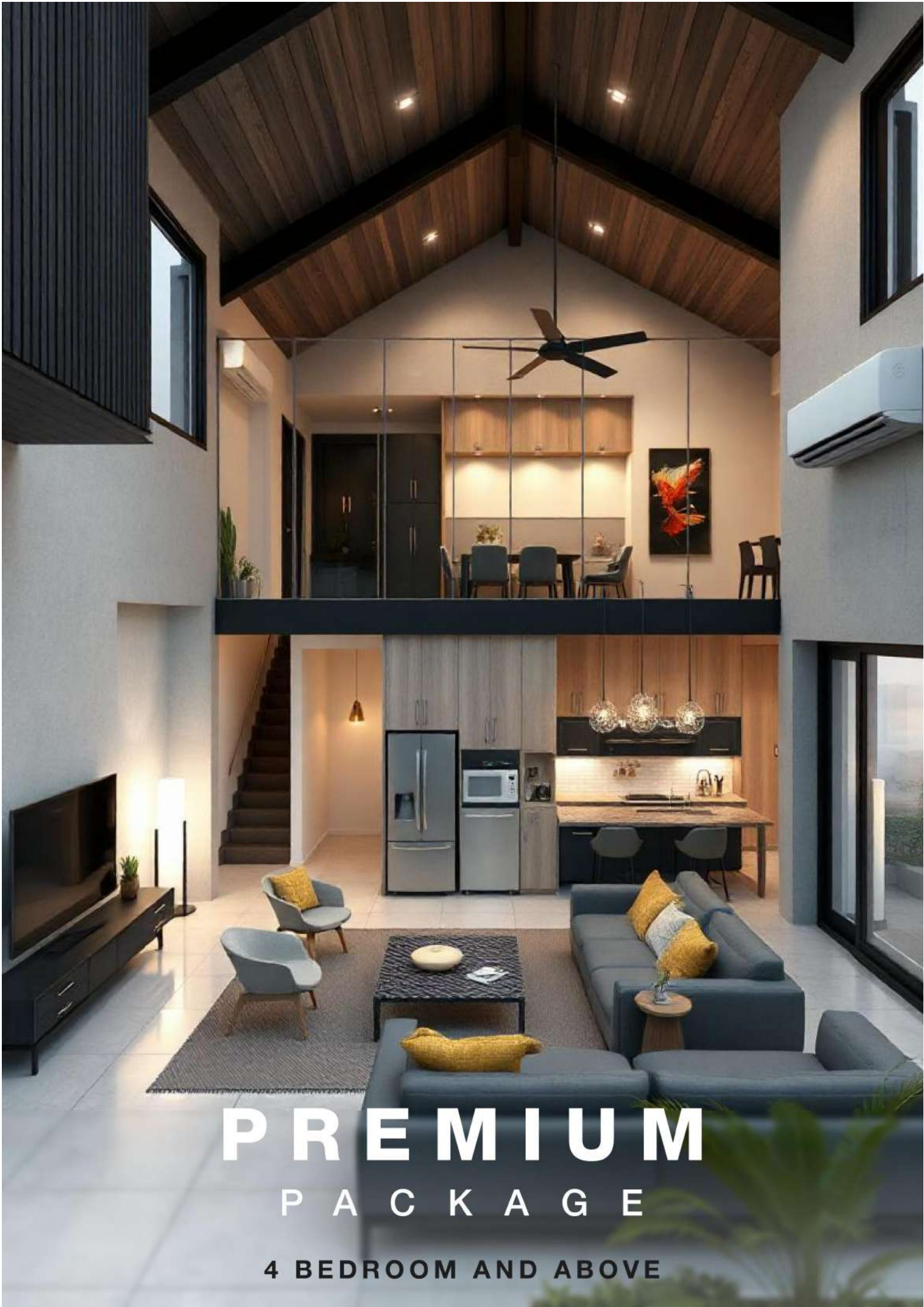
## 3.5kva/48V Inverter System

To power a maximum load of 3000W

### Package includes:

3.5kva/48V Inverter  
4 batteries (220Ah/12V)  
Battery Rack  
Delivery  
Installation

**N2,618,000**



# PREMIUM PACKAGE

4 BEDROOM AND ABOVE



# PREMIUM PACKAGE



## 5kva/48V Inverter System

To power a maximum load of 4000W

### Package includes:

5kva/48V Inverter  
4 batteries (220Ah/12V)  
9 Panels (550W/24V)  
Battery Rack  
Delivery  
Installation

**N6,445,000**



## 5kva/48V Inverter System

To power a maximum load of 4000W

### Package includes:

5kva/48V Inverter  
8 batteries (220Ah/12V)  
18 Panels (550W/24V)  
Battery Rack  
Delivery  
Installation

**N10,366,000**



## 5kva/48V Bumper Inverter System

To power a maximum load of 4000W

### Package includes:

5kva/48V Inverter  
8 batteries (220Ah/12V)  
Battery Rack  
Delivery

Installation **N4,554,000**

# PREMIUM PACKAGE



## 10kva/48V Inverter System

To power a maximum load of 8000W

### Package includes:

10kva/48V Inverter  
4 batteries (220Ah/12V)  
9 Panels (550W/24V)  
Battery Rack  
Delivery  
Installation

**N7,052,000**



## 10kva/48V Inverter System

To power a maximum load of 8000W

### Package includes:

10kva/48V Inverter  
4 batteries (220Ah/12V)  
Battery Rack  
Delivery  
Installation

**N3,717,000**



## 10kva/48V Inverter System

To power a maximum load of 8000W

### Package includes:

10kva/48V Inverter  
8 batteries (220Ah/12V)  
18 Panels (550W/24V)  
Battery Rack  
Delivery

Installation **N11,076,000**

# PREMIUM PACKAGE



## 10kva/48V Inverter System

To power a maximum load of 8000W

### Package includes:

10kva/48V Inverter  
8 batteries (220Ah/12V)  
Battery Rack  
Delivery  
Installation

**N5,264,000**



## 10kva/48V Bumper Inverter System

To power a maximum load of 8000W

### Package includes:

10kva/48V Inverter  
12 batteries (220Ah/12V)  
27 Panels (550W/24V)  
Battery Rack  
Delivery  
Installation

**N15,802,000**



## 10kva/48V Bumper Inverter System

To power a maximum load of 8000W

### Package includes:

10kva/48V Inverter  
12 batteries (220Ah/12V)  
Battery Rack  
Delivery

Installation **N7,277,000**

I stay  
alone.



- **1KVA WITH SOLAR-**  
N940,000
  - **1KVA WITHOUT SOLAR-**  
N550,000
- Powers A Maximum:**  
Load of 640w

# Energy Manager.



- **2.5KVA WITH SOLAR-**  
N1,850,000
  - **2.5KVA WITHOUT SOLAR-**  
N950,000
- Powers A Maximum:**  
Load of 2000w

# Short let Buddy.



- **5KVA WITH SOLAR-**  
N4,170,000
- **5KVA WITHOUT SOLAR-**  
N2,400,000

**Powers A Maximum:**  
Load of 2500w



# Lithium

Power Your World  
With Clean, Long-  
Lasting Energy.





**CLASSIC**  
PACKAGE  
2 BEDROOM - 4 BEDROOMS



# CLASSIC PACKAGE



## 3kva/24V Inverter System

To power a maximum load of 2500W

### Package includes:

3kva/24V Inverter

1 LITHIUM ION BATTERY 5KWH

200AH 24VOLT

9 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

## N5,622,000



## 3.5kva/48V Inverter System

To power a maximum load of 2500W

### Package includes:

3kva/24V Inverter

1 LITHIUM ION BATTERY 5KWH

200AH 24VOLT

Racking

Delivery

Deployment & Commissioning

## N3,086,000



## 3.5kva/48V Inverter System

To power a maximum load of 3000W

### Package includes:

3.5kva/48V Inverter

1 LITHIUM ION BATTERY 7.5KWH

200AH 24 VOLT

9 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

## N6,552,000

# CLASSIC PACKAGE



## 3.5kva/48V Inverter System

To power a maximum load of 3000W

### Package includes:

3.5kva/48V Inverter

1 LITHIUM ION BATTERY 7.5KWH

200AH 24VOLT

Racking

Delivery

Deployment & Commissioning

## N4,088,000



## 3.5kva/48V Inverter System

To power a maximum load of 3000W

### Package includes:

3kva/24V Inverter

3.5kva/48V Inverter

2 LITHIUM ION BATTERY 7.5KWH

200AH 24VOLT

18 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

## N12,033,000



## 3.5kva/48V Inverter System

To power a maximum load of 3000W

### Package includes:

3.5kva/48V Inverter

2 LITHIUM ION BATTERY 7.5KWH

200AH 24VOLT

Racking

Delivery

Deployment & Commissioning

## N6,901,000

U P N E X T :

P R E M I U M P A C K A G E



**PREMIUM**

**P A C K A G E**

**2 BEDROOM - 4 BEDROOMS**

# PREMIUM PACKAGE



**5kva/48V Inverter System**  
To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
1 LITHIUM ION BATTERY 7.5KWH  
200AH 24VOLT

9 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N7,445,000**



**5kva/48V Inverter System**

To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
1 LITHIUM ION BATTERY 7.5KWH  
200AH 24VOLT

Racking

Delivery

Deployment & Commissioning

**N4,346,000**



**5kva/48V Inverter System**

To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
2 LITHIUM ION BATTERY 7.5KWH  
200AH 24VOLT

18 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N13,103,000**

# PREMIUM PACKAGE



**5kva/48V Inverter System**  
To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
2 LITHIUM ION BATTERY 7.5KWH  
200AH 24VOLT  
Racking  
Delivery  
Deployment & Commissioning

**N7,232,000**



**5kva/48V Inverter System**  
To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
1 LITHIUM ION BATTERY 10KWH  
200AH 24VOLT  
9 Mono Solar Panels 550W  
Racking  
Delivery  
Deployment & Commissioning

**N7,782,000**



**5kva/48V Inverter System**  
To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
1 LITHIUM ION BATTERY 10KWH  
200AH 24VOLT  
Racking  
Delivery  
Deployment & Commissioning

**N4,725,000**

# PREMIUM PACKAGE



**5kva/48V Inverter System**  
To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
2 LITHIUM ION BATTERY 10KWH  
200AH 24VOLT

18 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N13,860 000**



**5kva/48V Inverter System**

To power a maximum load of 4000W

**Package includes:**

5kva/48V Inverter  
2 LITHIUM ION BATTERY 10KWH  
200AH 24VOLT

Racking

Delivery

Deployment & Commissioning

**N7,988,000**



**10kva/48V Inverter System**

To power a maximum load of 8000W

**Package includes:**

10kva/48V Inverter  
1 LITHIUM ION BATTERY 10KWH  
200AH 24VOLT

9 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N8,710,000**

# PREMIUM PACKAGE



**10kva/48V Inverter System**  
To power a maximum load of 8000W

**Package includes:**

10kva/48V Inverter  
1 LITHIUM ION BATTERY 10KWH  
200AH 24VOLT  
Racking  
Delivery  
Deployment & Commissioning

**N5,700,000**



**10kva/48V Inverter System**  
To power a maximum load of 8000W

**Package includes:**

10kva/48V Inverter  
1 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT  
9 Mono Solar Panels 550W  
Racking  
Delivery  
Deployment & Commissioning

**N10,176,000**



**10kva/48V Inverter System**  
To power a maximum load of 8000W

**Package includes:**

10kva/48V Inverter  
1 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT  
Racking  
Delivery  
Deployment & Commissioning

**N6,812,000**



# P R E M I U M   P A C K A G E



**10kva/48V Inverter System**  
To power a maximum load of 8000W

**Package includes:**

10kva/48V Inverter  
2 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT

18 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N16,480,000**



**10kva/48V Inverter System**  
To power a maximum load of 8000W

**Package includes:**

10kva/48V Inverter  
2 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT

Racking

Delivery

Deployment & Commissioning

**N10,706,000**

U P N E X T :

E L I T E P A C K A G E



# ELITE PACKAGE



**20kva/48V Inverter System**  
To power a maximum load of 16000W

**Package includes:**

20kva/48V Inverter  
3 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT

27 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N27,029,000**



**20kva/48V Inverter System**

To power a maximum load of 16000W

**Package includes:**

20kva/48V Inverter  
3 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT

Racking

Delivery

Deployment & Commissioning

**N17,528,000**



**20kva/48V Inverter System**

To power a maximum load of 8000W

**Package includes:**

20kva/48V Inverter  
4 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT

36 Mono Solar Panels 550W

Racking

Delivery

Deployment & Commissioning

**N34,414,000**

# ELITE PACKAGE



**20kva/48V Inverter System**  
To power a maximum load of 16000W

**Package includes:**

20kva/48V Inverter  
4 LITHIUM ION BATTERY 15KWH  
200AH 48VOLT  
Racking  
Delivery  
Deployment & Commissioning

**N22,139,000**

# Load Sheet.



See What Our  
Customers Are  
Saying About  
Us.

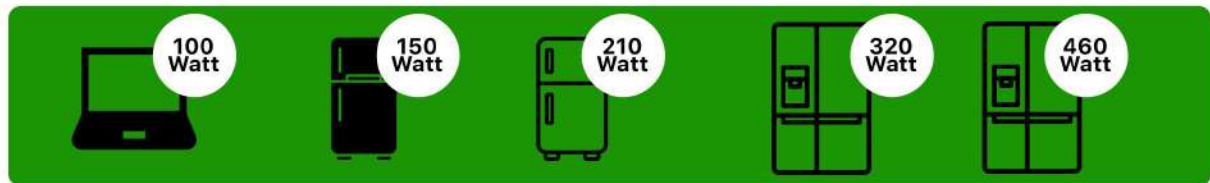
# LOAD SHEET



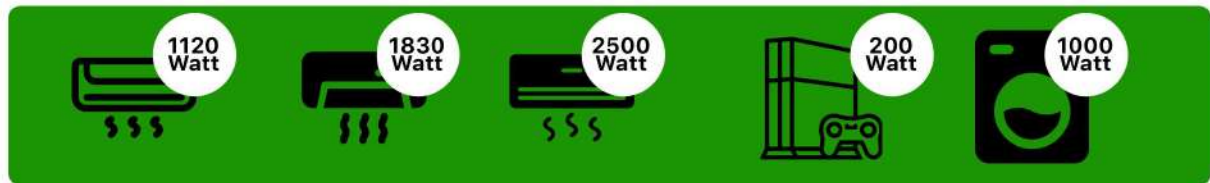
Mobile Phone      Tablet      LED lights      Tube Light      Normal bulb



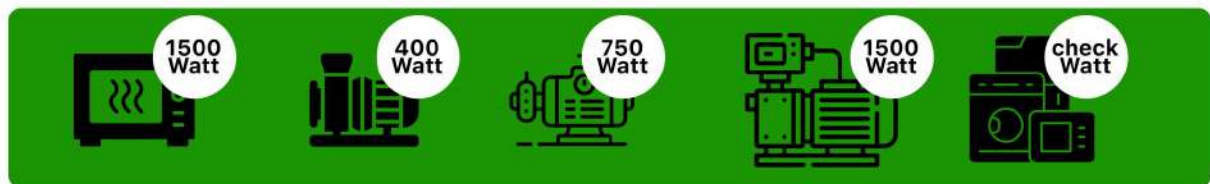
Fan      Music System      LCD/LED TV (<42'')      LCD/LED TV (>42'')      Desktop Computer



Laptop      Refrigerator (165 - 250ltr)      Refrigerator (250 - 350ltr)      Refrigerator (350 - 450ltr)      Refrigerator (>450)












AC - 1HP      AC - 1.5HP      AC - 2HP      Gaming Console      Washing Machine



Microwave      0.5HP Water Pump      1HP Water Pump      2HP Water Pump      Other Load Variants

# SAMPLE

|                             |   | watt      | QTY | total watt              |
|-----------------------------|---|-----------|-----|-------------------------|
| Phone                       |    | 20 watts  | 3   | 60                      |
| Tablet                      |    | 30 watts  | 1   | 30                      |
| LED LIGHT                   |    | 15 watts  | 10  | 150                     |
| FAN                         |   | 100 watts | 2   | 200                     |
| Music System                |  | 350 watts | 1   | 350                     |
| LCD/LED TV (>42")           |  | 250 watts | 1   | 250                     |
| Laptop                      |  | 100 watts | 1   | 100                     |
| Refrigerator (250 - 350ltr) |  | 210 watts | 1   | 210                     |
| Gaming Console              |  | 200 watts | 1   | 200                     |
|                             |   |           |     | <b>Total:<br/>1550W</b> |

### To know your total load;

Multiply each load by their quantity Then take the sum of all the values.



# WHAT OUR CLIENTS SAY.



See What Our  
Customers Are  
Saying About Us.

# CLIENT FEEDBACK



**Chikwado Iwudibia**  
Local Guide · 184 reviews

★★★★★ a day ago **NEW**

Excellent service! I am quite satisfied with the inverter system set up and i now have constant power supply. I wish I could give Intavalto 10 stars! They're the best!



# CLIENT FEEDBACK



Monica Erimafa  
1 review



a day ago

NEW

Really impressed with the dedication and patience of the team. They delivered a great product, promptly and answered all questions I had. Prices are also competitive. Would definitely recommend!



# CLIENT FEEDBACK



Tochukwu Ozoemena  
Local Guide · 25 reviews

★★★★★ 14 hours ago **NEW**

I would highly recommend the Intavalto team for all your renewable energy and home automation needs, the staff are very professional and addressed any issues I had promptly. The installed 5kva inverter system was worth every Naira spent. I wish more Nigerian companies can learn from their work ethic.



# CLIENT FEEDBACK



**Chikwado Iwudibia**  
Local Guide · 184 reviews

★★★★★ a day ago **NEW**

The team came as a group with each person focused on a task which made the overall process move quickly. When i needed them to made some corrections, they were very responsive to ensure it was resolved very quickly. Clean setup. Great team effort led by a great manager.



# Our Expertise.



# Solar Panels.



We provide different wattages of solar panels from 250 Watts to 600 Watts.

# Solar Batteries.



Provision of long-lasting rechargeable batteries with globally approved ratings that are eco-friendly.

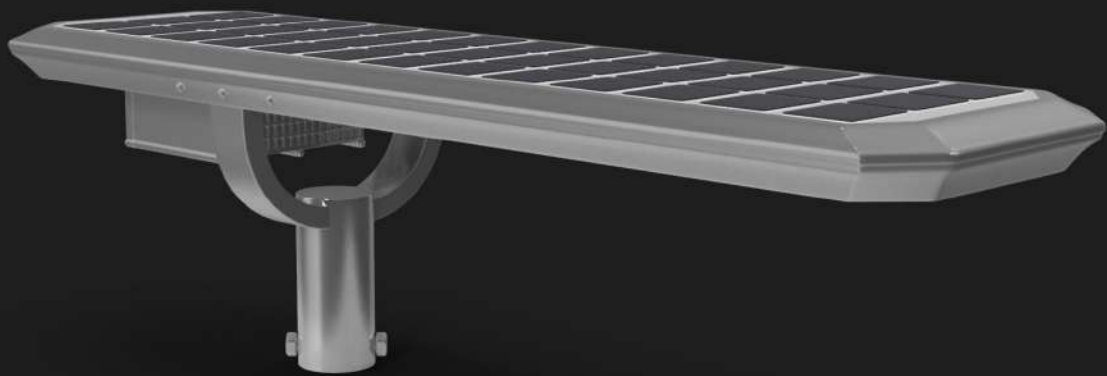


# Solar pumping Machines.



Deployment of various capacities of Solar pumping machines for various use casing such as, Residential water pumps, Hotels, schools, rural, irrigation, etc.

# Solar street Lights.



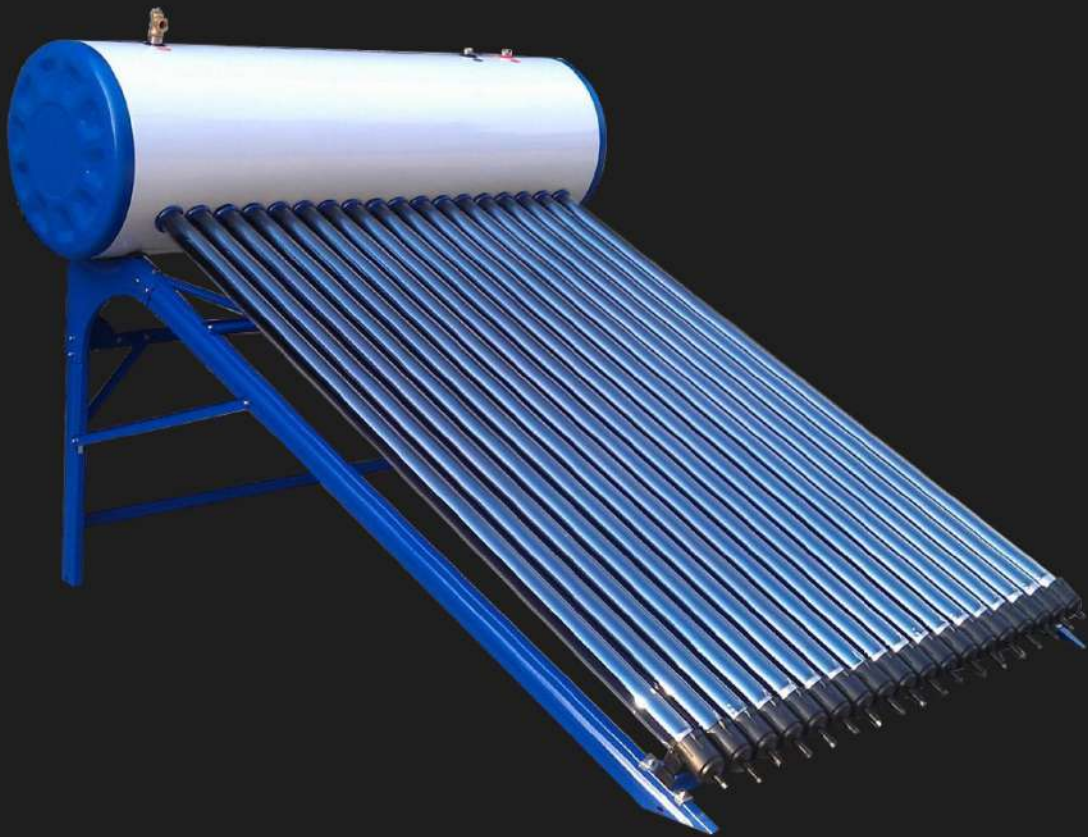
Installation of various capacity of solar streetlights with focus on use case, residential, commercial or highway illumination, pedestrian streets, etc.

# Solar Inverter.



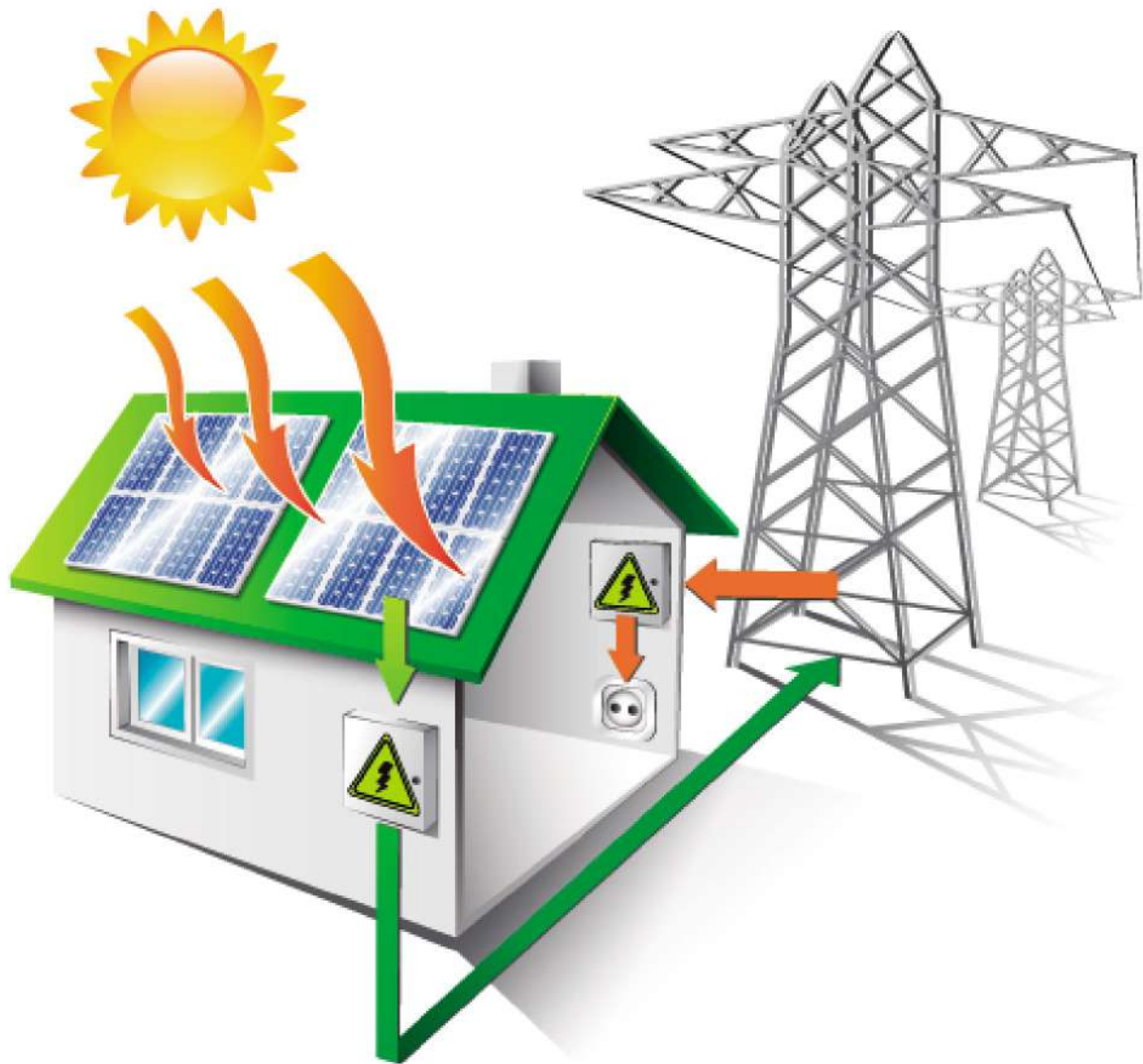
We install noise proof and power conserving inverters ranging from 1KVA up to 60KVA.

# Solar water Heater.



Deployment of various capacities of Solar pumping machines for various use casing such as, Residential water pumps, Hotels, schools, rural, irrigation, etc.

# Mini grid Systems.



implementation of solar mini grid system to power a localized group of customers.

# RELIABLE POWER FOR ALL!



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