





**OB AIRAWO ENGINEERING  
COMPANY LIMITED**

**CRN: 1801242**

# **PRODUCT GUIDE**

**Revolutionizing Clean  
Energy Solutions**





**At Obairawo Engineering Company Limited, we are committed to providing innovative and sustainable energy solutions that power the future. As a leading engineering firm specializing in electric vehicle manufacturing systems, energy saving devices manufacturing, and fuel less generators manufacturing, our mission is to reduce energy costs, promote environmental sustainability, and enhance the quality of life for our customers. This proposal outlines our diverse product offerings designed to meet the energy needs of individual consumers, businesses, and communities**

# **Company Overview**



# HIGHLIGHTS

**Our electric vehicles are self recharging and non-self recharging. Our fuel less generators are eco friendly, cost effective solutions customized to your energy needs.**

# Electric Vehicle Manufacturing Systems



**Electric Vehicle Manufacturing Systems External Charging System** Our external charging systems for electric vehicles (EVs) are designed to provide efficient and reliable power to EV owners. These systems are engineered to ensure fast charging times and compatibility with various EV models. They are ideal for both residential and commercial use, offering a seamless charging experience that supports the transition to electric mobility. **Self-Charging System** Our self-charging systems are a groundbreaking solution for electric vehicles. These systems integrate advanced technologies that enable EVs to charge themselves while in motion or when parked, significantly extending their range and reducing the dependency on external power sources. This innovation not only enhances convenience for EV owners but also contributes to the overall sustainability of the transportation sector.

# Energy Saver Devices

**Our energy saver devices are designed to help customers reduce their electricity bills while maintaining the performance of their electrical appliances. These devices are suitable for both home and industrial use, offering a simple connection process that ensures seamless integration into existing power systems. By optimizing energy consumption, our energy saver devices extend the lifespan of batteries in solar inverters, petrol and diesel generators, and national grid connections. We manufacture these devices in capacities ranging from 1000 watts to 50 kVA.**

smart energy saver device

10,000watt



# FUELLESS GENERATORS

**Obairawo Engineering Company Limited offers a range of fuelless generators that provide reliable and sustainable power solutions for off-grid applications. These generators are designed to work with solar panels, ensuring continuous power supply without the need for fossil fuels. Our product lineup includes:**



## 150W Fuelless Generator

**250W Fuelless Generator: Ideal for powering 5 lighting bulbs, 3 customized fans, and charging phones.**

**500W Fuelless Generator: Dual voltage output (12VDC and 220VAC), suitable for powering 8 bulbs, 1 television, charging phones, 4 customized fans, and laptops**



## 250watt offgrid power supply



## 1kva fuelless generator



front



back

**1kVA Fuelless Generator: Capable of powering 15 bulbs, 1 television, charging phones, 4 customized fans, laptops, a pepper blender, and a washing machine.**

**2kVA Fuelless Generator: Provides 24-hour power supply, suitable for powering 18 bulbs, 2 televisions, charging phones, 6 customized fans, laptops, a manual washing machine, and a refrigerator.**







**3kVA to 100kVA Fuelless Generators:**  
Available in various capacities, these generators offer both 24-hour and 12-hour power supply options, with user-friendly display screens and 3-phase output for higher capacity models.



## OUR PRODUCTS AND PRICES

Load Capacity (KVA)	Light bulbs 60WAT	Fans 75WAT	TV 80Wat	Decoder 14wat	DVD/ Music System 55WAT	AC 1500wat	Pumping Machine 746wat	Fridge / Freezer 150	Washing Machines 1000wat	Price
250W	5	3	-	-	-	-	-	-	-	400,000
500W	8	4	1	-	-	-	-	-	-	680, 000
1KVA	6	2	1	1	1	-	-	-	-	24 HRS 1, 250,000
2KVA	8	4	2	2	1	-	-	1	-	12 HRS 1, 600,000
2KVA	8	4	2	2	1	-	-	1	-	24 HRS 2, 000,000
3 KVA	10	5	2	2	1	-	1	1	-	
4KVA	12	6	2	2	1	-	1	1	-	
5KVA	14	7	2	2	1	-	1	1	-	
7.5KVA	16	6	3	3	3	2	1	2	-	4,600,000
10KVA	20	10	3	3	2	3	1	2	1	self charging 1, 500,000
10KVA	20	10	3	3	2	3	1	2	1	12 HRS 7, 500,000
10KVA	20	10	3	3	2	3	1	2	1	24 HRS 7, 500,000
15KVA										24 HRS 10, 700,000
15KVA										12 HRS 9, 500,000
20KVA	32	12	6	6	6	5	2	5	1	12 HRS 16, 000,000
20KVA	32	12	6	6	6	5	2	5	1	24 HRS 17, 600,000
30KVA	44	20	10	10	10	6	6	7	3	
40KVA	56	25	15	15	15	11	9	8	7	
50KVA	66	27	17	17	17	13	12	10	9	35, 000,000
100KVA	940	40	32	32	32	20	20	14	15	51, 000,000
FUEL LESS CAR										10, 000, 000

Note: Kindly note that the above option is only for guideline and may very depending on the specifications of the appliances used.

Free home applicances will come with 150watt, 250watt, 500watt and 1Kva packages

# OUR PRODUCTS

ITEMS	PRICE (₦)
10, 000 WATTS SMART DIGITAL ENERGY SAVER	300, 000
1, 000 WATTS ENERGY SAVER DEVICE	39, 000
2, 000 WATTS WALL MOUNT ENERGY SAVER DEVICE	75, 000
2, 000 WATTS ENERGY SAVER DEVICE (E-TRANSFER)	75, 000
2, 000 WATTS LOAD BOOSTER	67, 000
3, 000 WATTS ENERGY SAVER DEVICE	80, 000
5, 000 WATTS ENERGY SAVER DEVICE	100, 000
PRESSING IRON LOAD BOOSTER	7, 000
<b>SERVICES</b>	
To upgrade Freezer to save 70% energy	180,000
To upgrade Air Condition to save 45% energy	180,000
To upgrade Air Condition to save 90% energy	740, 000
Street Light Installation (Solar)	
Community Lighting	

The above is for 2.5hp to 1hp Ac

# OUR SERVICES

**Energy Saver System and Compressor Conversion for Fridge/ Freezer.** This service is great for Homes, Hotels, Storage Businesses, Cold-Rooms, Churches, Event Centers, Apartments etc. to help reduce electrical consumption by 45%, 70% and even 90%. Thereby helping you save money massively.

- Power Solution for ATM Stands
- Power Solution for Billboards
- Power Solution for Communication Masts
- Smart homes
- Powering communities



# OUR CLIENTELE

- HOMES
- HOTELS
- APARTMENTS
- CHURCHES
- ORGANIZATIONS & OFFICES
- WHOLE COMMUNITIES

- SUPERMARKETS
- BANKS
- FACTORIES
- EVENTS CONCERTS
- CAMP GROUNDS
- FARMS





# BENEFITS

- Save money on petrol and diesel.
- Products and services customised to your needs.
- Eco friendly products (Zero emission, no noise, no smoke, supporting nature).
- In built energy saver devices.
- Indigenous assemblage with worldwide distribution.
- Secure payment system.
- Free pre installation consultation.
- Post installation consultation and maintenance.



# Conclusion

**Obairawo Engineering Company Limited is dedicated to delivering cutting-edge energy solutions that promote sustainability and efficiency. Our diverse product offerings, including electric vehicle charging systems, energy saver devices, and fuelless generators, are designed to meet the evolving energy needs of our customers. We invite you to explore our products and join us in creating a cleaner, greener future.**



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# CONTACT US:



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