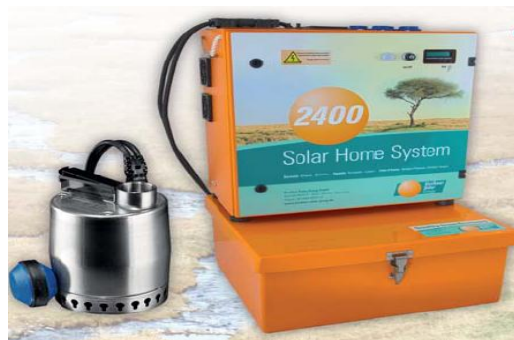
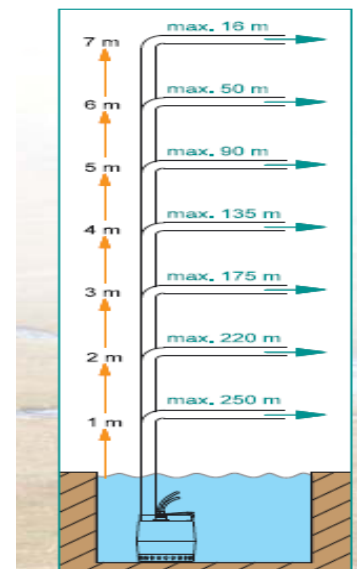


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- Return On Investment
- Load Table - Solar Power Equivalence of 5.0 KW Diesel Generator
- Our Contacts
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Solar Power for Borehole pumps

Up to 300ft depth





Suchnetcom Solar

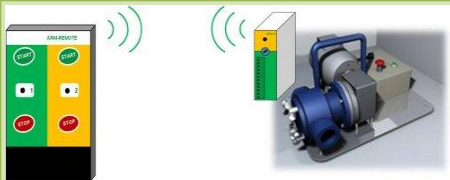
Products & Services:



Solar Design, build, Install, Maintenance,
Repair Services



Provides innovative solutions for data
transmission between machines



Provides custom solutions



Propagates eCommerce to all all
corners of Nigeria



Research & Development

About Suchnetcom

- **A Nigerian owned company**
- **Provides engineering services**
 - Uninterrupted solar powered wireless data-link solutions
 - *Customized Solar power system for Borehole pumps*
 - *Customized solar power for home*
 - Customized solutions
 - Installation
 - Repair/maintenance
 - Research & development
- **Provides eCommerce services**
 - Online retail sales





Solar Power for Sump Pumps

2 years warranty cover

Solar Power Generator for 1 Horse Power Submersible Pump

Includes:

Pump running time	2 Hrs, 30Min
-------------------	--------------

Inverter	1 Kilowatt
----------	------------

Battery	1
---------	---

Charge controller	1
-------------------	---

Solar Panels	6 pieces
--------------	----------

Cables and Accessories	lots
------------------------	------

Cost	NGN
------	-----

Solar Power Generator for 1.5 to 2 Horse Power Submersible Pump

Includes:

Pump running time	2 Hrs, 30Min
-------------------	--------------

Inverter	1.5 Kilowatt
----------	--------------

Battery	2
---------	---

Charge controller	1
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Solar Panels	12 pieces
--------------	-----------

Cables and Accessories	lots
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Cost	NGN
------	-----

Solar Power Generator for 2.5 to 3 Horse Power Submersible Pump

Includes:

Pump running time	2 Hrs, 30Min
-------------------	--------------

Inverter	2.5 Kilowatt
----------	--------------

Battery	3
---------	---

Charge controller	1
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Solar Panels	18 pieces
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Cables and Accessories	lots
------------------------	------

Cost	NGN
------	-----

Solar Power Generator for 3.5 Horse Power Submersible Pump

Includes:

Pump running time	2 Hrs, 30Min
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Inverter	3.5 Kilowatt
----------	--------------

Battery	3
---------	---

Charge controller	1
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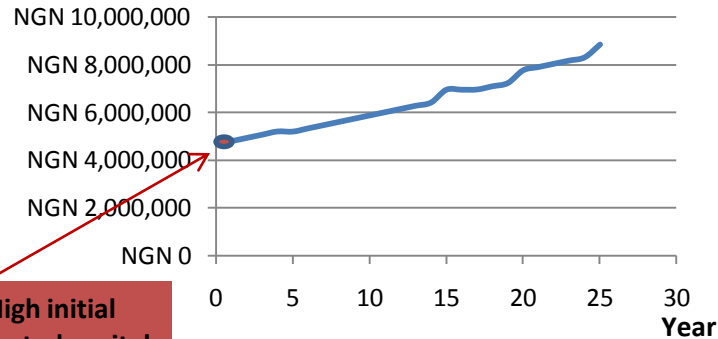
Solar Panels	18 pieces
--------------	-----------

Cables and Accessories	lots
------------------------	------

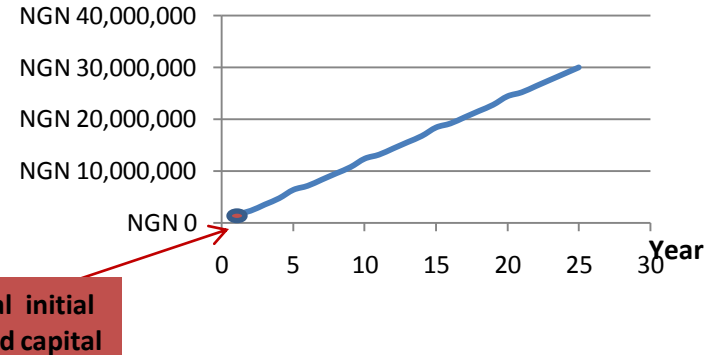
Cost	NGN
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5.0 KW/25.3 KWh Solar Power System Versus 5.0 KW/20KWh Diesel Gen.

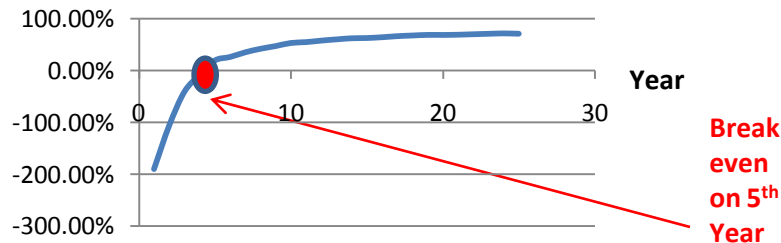
Solar System - 25 Yrs Equipment/Running Cost



Dies. Gen - 25 Yrs Equipment/Running Cost

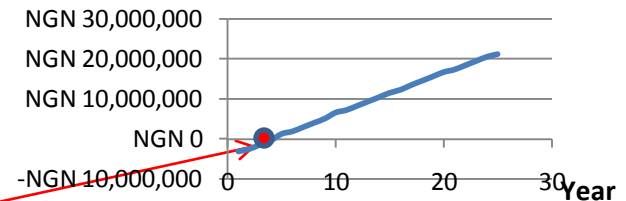


ROI (%) - Diesel Gen. versus Solar



Break even occurs 5 years of active running of the solar power system - With initial profit of **19.06%** and final profit of **70.49%** as against equivalent diesel generator .

ROI (Naira) - Diesel Gen. versus Solar



- ✓ Depreciation at **18%** rate per annum
- ✓ Battery is replaced every **5 years**
- ✓ Solar Panel cleaning cost of **NGN120,000** per annum
- ✓ Diesel Gen. for replacement every 5 years
- ✓ Daily running rate of diesel generator is **8 hrs per day**
- ✓ Quantity of petrol consumed per annum **9,225 liters**
- ✓ Running cost of diesel generator per annum **NGN1,199,286**
- ✓ Cost of quality **5KW** Diesel generator **NGN230,000**



Load Table - Solar Power Equivalence of 5.0 KW Diesel Generator

5KW / 25.3KWh/230Vac Output

Item No	Appliance Name	Qty	Total Power (VA)	Run Time per Day (Hr)	Energy Consumption Per Day (Wh)
A	Administrative Block				
	<u>Principal's Office (Principal's Secretary, Admin Staff, Conference Hall)</u>				
1	Light	46	1,840	6	11,040
2	Fan Ceiling, Wall Fan	27	1,620	5	8,100
3	Fan Standing (Power type)	2	240	4	960
4	TV	2	240	5	1,200
5	TV decoder	1	36	5	180
6	Fridge	2	277	8	2,213
7	Wall Sockets	8	800	4	3,200
8	Laptop	1	60	2	120
9	Internet Modem	2	50	24	1,200
10	Computer - Desktop	2	240	5	1,200
11	Printer	2	120	2	240
13	Projector	0	0	0	0
			5.0KW		25.3KWh

Cost	System Actual Power Output
NGN xxx	5.0 KW



Suchnetcom Solar

Our Contacts

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Steve as Assistant Manager Solar
Department, **Simba Group Lagos** Nigeria.

RAM
ENGINEERING &
TECHNOLOGY

RAM Technology Distribution Nig. Ltd

**Presents to you Biometric Finger Print Time & Attendance (BFPTA)
System ↓**



Presenter/ Consultant : Engr. Steve Udechukwu (BEng-Hons Digital Electronics, Computing & Communications – Brighton Uni, U.K.) / for Ram Tech. Dist. Ltd, Nigeria. Tel: 08033100976.

Steve as a Technical Supports Engineer at **RF Solutions Ltd, UK** a Leading Radio Remote Control & Modem Producer



Steve as PC Engineer at **C-Virtual Ltd, UK**



Steve in the Test Laboratory of **KIRCHNER SOLAR GROUP, GERMANY**

Working on a 2.4KVA Integrated Solar Power Pack