



RC 1308077

COMPANY PROFILE
February 2016

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Introduction

The company started life in the 3rd quarter of 2011 as a profit centre department in its parent company, Proactive Technologies Ltd. It rose quickly to become a division within 3 years, and the board decided to let it become an independent entity on its own in mid-2015. Protek Power and Energy Ltd. was registered in January 2016, and commenced operations in February 2016, leveraging its excellent track record as Proactive technologies' Renewable Energy division.

The company was registered specifically to support the Government's initiative to improve electrical power in Nigeria by leveraging renewable energy, especially solar energy. The company aims to do this by production, sales, and installation of best of breed Renewable Energy Products and Solutions.

The objective of the company is to within 2 years, broaden its services to include local manufacture of quality solar panels, inverters and related products, as well as to be actively involved in roll-out of Independent Power stations with a bias for renewables across Nigeria and ultimately beyond. Our end goal is the mass provision of electric power for Nigerians utilising God-given free natural renewable sources which are bountiful in Nigeria, i.e., solar, thermal, wind, and waste. Our initial focus in achieving our objective is to utilise solar energy and propagate its acceptance and use across Nigeria by working with banks, equipment leasing companies and other similar institutions to enable the average Nigerian to acquire and benefit from our renewable energy power solutions for homes and offices

Protek Power and Energy Ltd. intends to continue to strive towards becoming a complete multi-disciplinary practise offering our Clients (individual, public and corporate) the specialist individual attention and solutions required by an ever-changing power environment. Protek sees teamwork on every project as the key success element and is responsible for creating this environment. The over-all project manager for all implementation projects is duty-bound in ensuring efficient and regular communication to all stakeholders and at all levels.

Protek believes in a hands-on approach on all sales and projects. That is why a Director of the firm will always be in control of the key functions on our projects. Protek is equipped with the latest technology and products, and has the necessary skilled resources to ensure the best professional service is provided at all times. The company is backed up by up-to-date Professional Indemnity Insurance, which can be extended to cover risk on any size project the firm undertakes both locally and abroad.

Vision

To be the very best in all sectors of our business, and thereby build strong referrals from our clients.

Mission Statement

To consistently deliver renewable power and energy products and solutions that provide constant and clean power as well as significant cost reduction for, and to the benefit and satisfaction of our clients.

Services

Protek Power and Energy Ltd. offers a wide range of products and services. These include:

- Inverters (including modified sine-wave, pure sine-wave and hybrid/solar)
- Charge controllers
- Solar panels
- Inverter (deep cycle) batteries
- Rechargeable fans
- Solar street lights
- Solar water heaters
- Solar water pumps
- Installation of inverter solutions and after sales-support services
- Renewable energy consulting
- Turnkey project implementation

Ownership & Management

Protek Power and Energy Ltd.'s current ownership structure sees Proactive Technologies Ltd. as major equity participant.

The company's dynamic, motivated and efficient team is led by Mr Akinjide Obe, and ably supported by Mr Remi Salami and other highly skilled and dynamic staff.

Ownership is open to accommodate new stakeholders as the company grows.

Approach

Protek sees teamwork on every sale and project as a key success ingredient and are responsible for creating this environment. The overall project manager for any project is duty-bound in ensuring effective communication to all stakeholders and at all levels. Teams are built by combining the strengths of the individual members (be they our direct staff or associates) and refining skills to meet and exceed the Client's expectations.

Experience

Protek Power and Energy Ltd. has a combined professional experience of over 60 years among its Principals and Members.

Resources

Directors

Akinjide Obe - B.Sc. (Hons.) Mech. Eng., MBA, MNSE

Remi Salami - B.Sc. (Hons.) Econs, ACA, ACTI

Stella Okwesa - B.Sc. (Hons.) Bus. Admin.

Technical

Tolu Sanni - Operations

Mathew Lucky - Installation and Support Engineer

Contact us

Protek Power and Energy Ltd. can be contacted as follows:

Postal Address

T13 Ramat Crescent, Ogudu, Lagos

Business /Service Centre Address

T13 Ramat Crescent, Ogudu, Lagos

Contact Numbers

+234 (803) 305 2203

+234 (817) 840 1640

Email: info@protekng.com

Web: <http://www.protekng.com>

Conclusion

Protek Power and Energy Ltd. is a capable and dedicated multi-disciplinary Renewable Power and Energy company with the correct solution-based approach in meeting and exceeding our Client's expectations.

Our experienced, dynamic and focused team are well placed and equipped, and combine the correct experience and qualifications to carry out their functions with diligence and skill. It is our vision that Protek will be of service to all prospective Clients in the Private, Professional and Public sector, and will indeed become a force to reckon with in the local manufacture and sales of Renewable Power and Energy Products as well as deployment of highly efficient and effective Renewable Power solutions.

Please direct all enquiries and/or requests for additional information on Protek Power and Energy Ltd. via the contact details provided above and let us provide you with excellent Renewable Power and Energy products, solutions and services.

ANNEXURE A – SHAREHOLDING

Name	Competence	% Shares
Proactive Technologies Ltd.	Parent	51%
Akinjide Obe	Engineer	5%
Remi Salami	Accountant	1%
Stella Obe	Fashion Designer	1%
Available	n/a	42%
Total		100%

ANNEXURE B – BANKING DETAILS

Bank : Sterling Bank Plc
Branch : Ilupeju, Lagos
Account Number : 0050991456
Account Name : Protek Power and Energy Ltd.

Bank : Diamond Bank Plc
Branch : Gbagada, Lagos
Account Number : 0074029773
Account Name : Protek Power and Energy Ltd.

ANNEXURE C – PRODUCT DESCRIPTION

A. Inverters and Inverter Products

PRODUCT TYPE	DESCRIPTION
5kVA SOLAR/HYBRID INVERTER	4000W/5kVA LCD Input & Output; 220V 50Hz 48V DC input; with inbuilt MPPT solar charge controller; with RS232; with battery cable; 50Hz output frequency;
3kVA SOLAR/HYBRID INVERTER	2400W/3kVA LCD Input & Output; 220V 50Hz 24V DC input; with MPPT solar charge controller; with RS232; with battery cable; 50Hz output frequency;
2.4kVA SOLAR INVERTER	2400VA/1440W, Modified sine wave AC output; with inbuilt 30A pwm solar charge controller; 220v/50hz.
1.4kVA SOLAR INVERTER	1400VA/800W, Modified sinewave AC output; with inbuilt 30A pwm solar charge controller; 220v/50Hz.
2kW STANDARD INVERTER	2000W LCD Input & Output; 220V 50Hz 12V DC input; Battery Cable, Battery connect or cover, Charge current adjustable;
3kW STANDARD INVERTER	3000W LCD Input & Output ; 220V 50Hz 24V DC input; Battery Cable ,Battery connector cover, Charge current adjustable
4kW/5kVA STANDARD INVERTER	4000W LCD Input & Output; 220V 50Hz 24V DC input; Battery Cable, Battery connector cover, Charge current adjustable
60A Charge Controller	MPPT solar charge controller; 12/24 V DC adjustable; capacity 60A/147V; DC12/24V/48V
30A Charge Controller	MPPT solar charge controller; 12/24V DC adjustable; capacity 30A/150V; DC12/24V
200H/12V	Battery
160W Solar Panel	poly
250w solar panel	poly
300w solar panel	poly

PROTEK[®] SOLAR/ INVERTER SOLUTIONS

Eliminate your electricity bill, even without Gen
Upgrade your Inverter to Solar (Talk to us)

PROTEK[®] PRODUCTS ARE AVAILABLE ON:
 JUMIA
 KONGA
 SMEMARKETHUB
 KAYMU

Features

- Have constant power always
- Zero expenditure on fuel and maintenance
- Solar solution can run as stand alone (not dependent on PHCN or generator)
- Up to 5 years warranty period (depending on product or solution)

For further information, Contact:
PROTEK POWER & ENERGY LTD.,
 T13, Ramat Crescent, Ogudu, Ojota, Lagos.
 Tel: 0803 305 2203, 0817 840 1640
 E-mail: sales@proactivetechng.com
 Website: www.proactivetechng.com

AVAILABLE:

- Rechargeable Fans
- Solar Water Heaters
- and other Renewable Energy Products.

B. Inverters Solutions (Starter Packs)

PROTEK[®] SOLAR/ INVERTER SOLUTIONS
Eliminate your electricity bill, even without Gen
Upgrade your Inverter to Solar (Talk to us)

Protek Solar Inverter / Solar Solution

PV Panel

Home Appliances

Utility

Generator

Solar Option

PROTEK[®] PRODUCTS ARE AVAILABLE ON:
*JUMIA *KONGA *SMEMARKETHUB *KAYMU

Features

- Have constant power always
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- Solar solution can run as stand alone (not dependent on PHCN or generator)
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AVAILABLE:

- Rechargeable Fans
- Solar Water Heaters and other Renewable Energy Products.

Classification	Standard/Pure-Sine-Wave Inverter			Solar/Hybrid Inverter	
	Inverter Bundle type	2.5kVA Standard	3.6kVA Standard	5kVA Standard	3kVA Solar
Component Description	2.5kVA Protek [®] Pure Sine-wave inverter.	3.6kVA Protek [®] Pure Sine-wave inverter.	5kVA Protek [®] Pure Sine-wave inverter.	3kVA Protek [®] Pure Sine-wave inverter with built-in MPPT charge controller, LCD Input and Output, 220V/50Hz	5kVA Protek [®] Pure Sine-wave inverter with built-in MPPT charge controller, LCD Input and Output, 220V/50Hz
NB: These bundles are upgradeable for more backup time by adding more batteries and/or solar panels.	LCD Input and Output 220V/50Hz 12V DC input Battery Connector Cover	LCD Input and Output 220V/50Hz 24V DC input Battery Connector Cover	LCD Input and Output 220V/50Hz 24V DC input Battery Connector Cover	220V/50Hz 24V DC input 200Ah battery	220V/50Hz 48V DC input 200Ah battery
*For delivery and installation outside Lagos, please call.	-1 unit 12V 200Ah battery -1 unit AC/DC breaker	-2 units 12V 200Ah battery -Battery rack -2 units AC/DC breaker	-2 units 12V 200Ah battery -Battery rack -2 units AC/DC breaker	-2 units 12V 200Ah battery -Battery rack -4 units 24V 250Wp solar panels or equivalent with install frames	-2 units 12V 200Ah battery -Battery rack -8 units 24V 250Wp solar panels or equivalent with install frames
**For other bundles and/or solar upgrade of existing inverter solution, please call.	-Cables and accessories -Delivery within Lagos* -Installation*	-Cables and accessories -Delivery within Lagos* -Installation*	-Cables and accessories -Delivery within Lagos* -Installation*	-3 units AC/DC breaker -Cables and accessories -Delivery within Lagos* -Installation*	-3 units AC/DC breaker -Cables and accessories -Delivery within Lagos* -Installation*

C. Rechargeable Fan Products

S/n	PRODUCT TYPE	DESCRIPTION
1	Standard Rechargeable Standing Fan	(1) 2 maintenance-free lead-acid batteries; 6V4.5Ah*2; (2) When fully charged, it can work for more than 8hrs on low speed; (3) charging method: AC110V/220V; charging time: 6~8hrs; (4) It also charges the batteries while the fan is working with AC. The charging light turns green when the batteries are full. (5) With 6 months warrantee (does not cover charger or batteries).
2	Standard Rechargeable Standing Fan with Solar Option.	Same as [1] above plus solar panel for solar charging.
3	Standard Rechargeable Standing Fan with Remote and USB Charging Port	Same as [1] above with remote & USB charging port.
4	Standard Rechargeable Standing Fan with Remote, USB Charging Port and Solar Option	Same as [1] above with remote & USB charging port plus solar panel for solar charging.
5	Battery	Replacement batteries for when your batteries run down.
6	Charger	Replacement chargers in the event power surge burns fan charger.
7	Solar Panel for Rechargeable Fan	Enables Fan to charge with solar energy

Live Well & Sleep Well

NEPA OR NO NEPA, GEN OR NO GEN
with **Protek®**
Rechargeable Standing Fans
Works 8 Hours when charged
(With Solar Option)



- Replaceable, durable batteries
- Bright LED light
- Works with AC/DC & Solar

PROTEK® PRODUCTS ARE AVAILABLE ON:
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ALSO AVAILABLE:
 * Solar Inverter Solutions
 * Solar Water Heater
 and other Solar Products.

D. Solar Water Heaters

S/n	PRODUCT TYPE	FEATURES
1	Non- Pressurized Integrated Solar Water Heater	Hot water flow pressure depends on gravity. System must be installed on roof top or scaffold. Available in 100L, 200L, 300L models
2	Pressurized Integrated Solar Water Heater	Hot water flow pressure does not depend on gravity. System has its own pressure pump and can be installed anywhere. Requires pressurised cold water inflow. Available in 100L, 200L, 300L models
3	Separated Solar Water Heater(Heat Exchanger)	Pressurized system as above. Vacuum tubes are installed separately from the tank to maximize space. Available in 100L, 200L, 300L, 500L models
4	System Controller	It manages water level, water temperature and water load.
5	Heating Element	It's an optional electric heating element that can be used to heat up the water during cloudy periods and when hot water is required more than the storage capacity.
6	Solar Collector	It's the vacuum tube that collect the ray of light from the sun.
7	Hot Water Pump - for non-pressurized systems [1]	Used for boosting the pressure of hot water from the hot water taps/showers.
8	Cold Water Pump - to boost inlet flow pressure for pressurised systems [2]	Used for boosting the pressure of inlet cold water into the integrated pressure system [2].



Get Hot Water On Demand

@ No Cost!

with **Protek®**

SOLAR WATER HEATER

(Ideal for Hotels, Guest Houses, Hostel, Hospitals, Homes, etc.)

- Eliminate electricity and fuel bills
- No maintenance required
- Retain hot water for up to 3 days even if there is no sun
- Available in capacities up to 300 litres
- Available in types;
 - Compact non-pressurized
 - Compact pressurized
 - Separated pressurized






Protek® Solar Water Installed at Client Site

PROTEK® PRODUCTS ARE AVAILABLE ON:

▪ JUMIA ▪ KONGA ▪ SMEMARKETHUB ▪ KAYMU

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ALSO AVAILABLE

- Solar/ Rechargeable Fans
- Solar Inverter Solutions and other Solar Products