

Company Profile

RapidAmp Engineering

.....
Engineering sustainable
energy services in Africa .
.....



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Hello There!

”

"We have the invaluable knowledge, experience and networks to provide smart energy solutions to Africa"



We are so grateful that you have taken time to consider partnering with RapidAmp Engineering to serve you with the best power engineering solutions. While we are so proud of our work and results....it's the relationships we bond that will endure

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**.....because you
deserve better!**

Better Lighting, Better power Solutions.
We are better. **#ChooseUs**





Introduction

From humble beginnings, with a combination of astute electrical problem solving skills, a passion for customer service and a can do attitude.

Rapid Engineering quickly found a way to deliver successful electrical outcomes for residential and commercial customers in Zimbabwe and Africa at large.

Mission

- To use the invaluable knowledge, experience and networks we have gathered to provide smart energy solutions to Africa on time, safely and at an affordable cost.

Vision

- To be the preferred energy services provider in Africa and changing the destructive habits in energy and resource.

Corporate Core Values

1

Innovation

Where everyone of our employees is empowered to transform ideas into value.

2

Excellence

Where we pursue outstanding results every time, all the time.

About US



RapidAmp Engineering successfully runs two divisions:

- **Power Engineering:**

The Power Engineering division mainly oversees the design and installation of projects as per client's needs and also offers support services

- **Solar Engineering:**

The Solar Engineering division (renewable energy) is tasked with providing the best PV (Photo-Voltaic) systems using the best PV technology available on the market today.

*Choose our best
services*



Project: Residential installations

What we do

Power Engineering

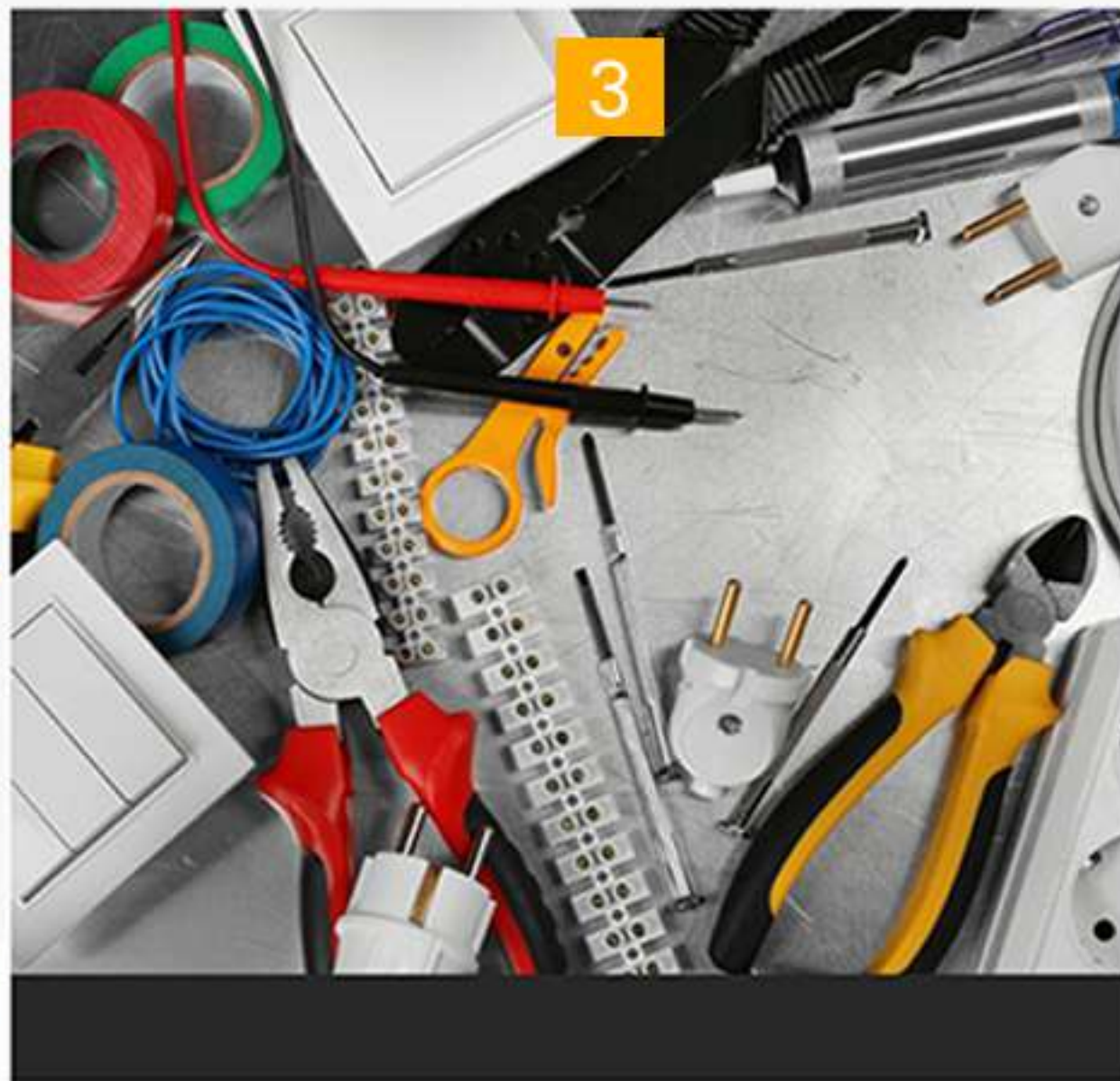
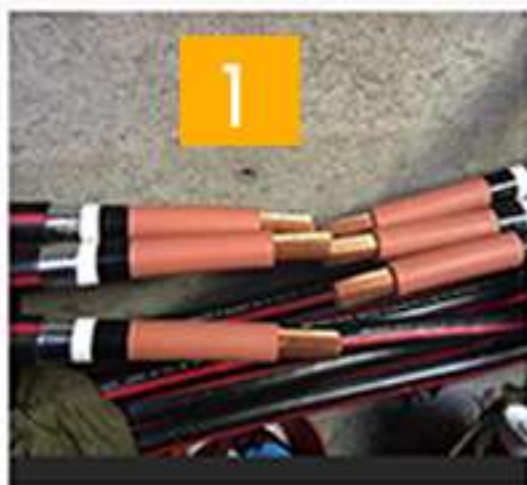
Residential, commercial & industrial installations.

- Design
- Installation
- Maintenance (routine & emergency)
- Power Back-up systems
- Fault finding
- Cable splicing (jointing)
- Electrical system Upgrading





Alva and Gould
Green Solutions



Guide

- 1** Cable Slicing/Jointing
- 2** Faulty Finding
- 3** Installation

What we do

Solar Engineering



Go Solar Fact

In a single hour the sun transmits more energy to the earth's surface than the entire world consumes in a year. Given that Zimbabwe is the most fortunate country to receive the most sunshine all year round.....**It makes perfect sense when it comes to solar energy.**

Our Green Solutions

- Energy audits
- Site feasibility
- Solar system Products
- PV system design
- Component selection
- PV system installation
- PV system Commissioning & Testing
- PV system Maintenance (routine & emergency)
- PV system faultfinding
- PV systems um-Ming

Our Solar Products

1

Hybrid Inverters

Kodak
3 kva/ 5 kva



Mecer Axpert
3 kva/ 5 kva



FiverStar
5 kva/ 3 kva



Luminous
1.5 Kva



Sukam
1.5 kva



Sukam Falcon
1.1 Kva



Mecer
2.4 Kva/1.440 Kva



Synapse
3kva



2

Solar Panels



Poly-crystalline

 **CanadianSolar**



Split-cell

 **CanadianSolar**

About Solar Systems

PV (Photo-voltaic) or Solar systems are comprised of:

- 1 PV Modules (solar panels)
- 2 Inverter,
- 3 Charge Controller
- 4 Storage (Battery Bank)

How it works

From morning and throughout the day, the PV Array (Panels) generates DC Power that is used to charge the storage medium via a charge controller. The charge controller enables the safe charging of the batteries by applying or delivering the correct charging current and voltage to the batteries.

The inverter 'changes' this DC Power delivered to the batteries to AC Power, same as delivered by your utility mains supply and can be used by your appliances. The AC Power is delivered directly to your main electrical service panel (distribution board).

Our Solar Products

3

Solar batteries

PylonTech Lithium
Ion Phosphate batteries



From
2.4kwh

Narada AGM
Gel Batteries



12V

Narada Lithium
Ion Phosphate battery



100Ah/
48V

Shoto Lithium ion
Phosphate battery



100Ah/
48V

4

More Products

- Solar Charge controllers (MPPT)
- Solar Cables
- 6. DC system protection devices (over/under-voltage, Overcurrent)

Why Go Solar

You own a comfortable home, you run a successful business in a nice office space or maybe you own and rent out an office building or shop. When it came to your power needs you did not have any much choice.....Pay ZESA or live in the dark, but now, **with SOLAR energy you have a choice!**

But why go Solar?

1. It's not just about load: Shedding or ZESA utility system faults that may take time to resolve but mainly about REDUCING OR ELIMINATING YOUR ELECTRICITY BILLS. Having Solar Power gives you the luxury of supplying your installation with ZESA power only when you need to hence saving you money.



Why go Solar?

2. Ok fine, it's also about **ESCAPING ZESA LOAD-SHEDDING AND EVER-PRESENT FAULTS** which both waste productive time, and the saying goes 'time is money'.

Save yourself, own your power!

3. **Increase the value of your building:** Yes, an investment into Solar energy definitely increases the overall value of your building or home, including the amount you can be getting as rent. Remember your home or office building is an investment too!

Switch to Sustainable
Energy Solutions

Call: 0775 857 069



Why go Solar?

- 4. Reduce your carbon footprint:** An investment into solar as a source of energy is a step in the right direction, considering the environmental effect of running your generator or getting power from our coal fired power stations. The earth needs love too!
- 5. Live in Luxury:** Electricity powers most of what you enjoy in modern life. Did you know that lighting is now one of the most basic necessities of modern life? Why should your meat rot in the fridge? Why shouldn't you be allowed to fully enjoy your DSTV subscriptions? You spent money drilling that borehole, so why should your pumps wait for ZESA power to pump into the tank/house?.....Why apologize for wanting a luxurious life.
- 6. Solar gives you COMPETITIVE ADVANTAGE OVER RIVAL BUSINESSES.** Why should your business lose clients or close down because of Power? What we have is a clear case of when the going gets tough, only the tough get going'. With solar power your; wi-fi, computers, printers are guaranteed to be powered even without ZESA power.

Why go Solar with Us?



We bring value

To most of our competitors, value is a word used as an apology for high prices. At **RapidAmp**, we let the customer define value: a rare combination of high quality and great performance at an amazing price.

We are certain that our Hybrid Solar systems and full range of solar products offer the best quality at the best price, bring us any competitor's quote and we will meet or beat the price while offering superior product and installation.



Low Cost

But how can you deliver high-quality product with excellent service at a low cost? Well, we have the tools and the experience and the connections needed for us to do this. We have spent a considerable amount of time perfecting our activities to attain effective cost and quality control abilities required to offer our services at low cost without compromising on quality.

Why go Solar with Us?



Safety: Yours, Ours

Solar systems offer the same dangers available with ZESA utility power which are; shock, burn, electrocution and/or damage to property. At **RapidAmp**, our installation projects adhere to the latest electrical safety regulations so we never expose you, our installers or your property to danger.

Unlike most of our competitors, we go a lot more steps further with safety and protection by applying protection devices to protect the solar system itself because we care about your investment. Faults may be internal to the solar system or external faults such as lightning.



Expert Installation

At **RapidAmp**, the quality you can't see on the surface is demonstrated by the electricity

harvest data on our systems and the fantastic fact that we have never had a roof leak after an installation.

We have multiple, experienced installation supervisors who are always there for you, ready to help you make owning Solar energy easy.

Why go Solar with Us?



Customized Systems

At RapidAmp Engineering, we start by carefully listening to your needs and concerns because we realize that every customer is different and customers should get what they want not what we are selling.

We perform a thorough site survey and use the latest software and tools to analyze your building's existing electrical systems and structural elements. We feed this data into our design process to make sure the installation suits YOU

Energy Harvest Maximisation

To maximize energy harvested from the sun and when the need of the project dictates it, we use inverters with external or inherent MPPT (Maximum Power Point Tracking) inputs to maximize the energy harvested. This can also include applying more efficient PV Module technology.

Although these technologies may add to the project's costs, they significantly improve the overall

Why go Solar with Us?



Efficient and Aesthetic Solutions

The poor aesthetics of some solar systems is heartbreaking but this is how we do solar differently at RapidAMP: we provide a full range of options, including aesthetically pleasing options for people concerned about the look of Solar panels on their roof. Who said solar should not be beautiful?

It's simply because we feel you deserve better, in fact, you deserve the best.



Some of our recent
Power Engineering Projects

Get in touch today: 0775 857 069



Lighting Projects

In the right light, at the right time. Everything is extraordinary

Lets discuss your next project

Call: 0775 857 069 / 0718514477



References



Clients:

Medpoint Pharmacy
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Eastlea Cnr Peterborough Harare
+263 77 311 2016



Solar Projects



Lets create the future we all want

Choose to GoGreen Today.

Partner with us Today



Get in touch with us



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