

UNLIMITED



TECHNOLOGIES

Re-invent How You Power Your Life



Energy

Company Profile

⚡ Energy



Water



⌚ Security



📡 Telecom



www.gadgetronix.net





Who We Are

GADGETRONIX is your trusted partner for cutting-edge Solar, Water, Security & Surveillance, and Communication solutions in East Africa. Since 2014, we have been a leading distributor, consultant, designer, project implementer, and solution provider, specializing in clean and renewable energy.

Our commitment to exceptional customer support is backed by state-of-the-art repair centers throughout Tanzania.

Our Expertise:

We're proud of our team of over 60 highly skilled professionals, including expert technicians, electrical/mechanical engineers, and quantity surveyors.

This expertise allows us to offer comprehensive solutions in:

Energy Solutions: Harnessing the power of the sun for a sustainable future.

Water Solutions: Providing access to clean and reliable water resources.

Security Solutions: Protecting what matters most with advanced security systems.

Telecommunication Solutions: Connecting communities with robust communication infrastructure.

Our Partnerships:

GADGETRONIX collaborates with world-renowned international companies, driving the development, testing, and promotion of innovative clean energy, water, security, and communication technologies.

We have played a key role in expanding communication infrastructure in rural and remote areas of Tanzania, delivering clean power solutions across the country and throughout East Africa.

Our Track Record:

As the leading provider of fiber optic technology to Internet users in Tanzania, our extensive market experience speaks for itself. With over 3000 successful projects completed in Tanzania across our business units, we're dedicated to delivering an outstanding customer experience every time.





Where We Are



Gadgetronix Headquaters

Old NSSF Building, Naura Road,
Metropole, Arusha, Tanzania.
+255 677 061 468 | +255 677 146 654
energy@gadgetronix.net



Gadgetronix Dar Es Salaam

Corner of Nkurumah and Swahili Street,
Dar es Salaam, Tanzania.
+255 677 602 009 | +255 677 129 826
dar@gadgetronix.net



Gadgetronix Warehouse

HPVC +v85, Njiro Road,
Arusha, Tanzania
+255 677 146 654 | +255 677 061 468
sales@gadgetronix.net



Gadgetronix Njiro Complex

Showroom Ground Floor, Shop#2, Njiro
Shopping Complex Arusha, Tanzania
+255 677 146 654 | +255 677 061 468
sales@gadgetronix.net



Gadgetronix Zanzibar

Plot 559, Nyerere Road,
Along Airport Road, Kiembe Samaki, Zanzibar.
+255 677 129 826 | +255 677 602 009
dar@gadgetronix.net



Gadgetronix Nairobi

Vishnu Industrial Park, Ruiru,
Along Thika Super Highway, Nairobi, Kenya.
+254 722 711 194 637 | +254 757 837 969
sales.ke@gadgetronix.net



What We Do

⚡ Our Energy Solutions: Powering Your Needs

We offer a wide range of energy solutions to meet diverse needs, from homes and businesses to organizations and institutions:

1. Off-grid Solar / Grid Tie Solar

2. Battery-Powered Backup Systems

3. Solar Refrigeration

4. Power Generators

5. Hybrid Systems

6. Portable power solutions



1,500

Solar Power Plants Installed



11MWp

Projects Installe



959MWh

Electricity Generated Since 2014



6MWh

Battery Storage Instal



Benefits of Solar Energy



Saves Money

Tired of paying Electricity Bills? Solar energy provides a free source of electricity with no monthly bills.



Reliable Electricity

No more power cuts and blackouts. With solar power you can have 24 hour access to power with no interruptions.



Access Everywhere

Solar power can be connected to your home or business in any location, no matter how remote.



Saving the Planet

Solar power generates no toxic emission & clean energy without depleting the earth's supply of fossil fuels.

OFF-GRID | GRID TIED SYSTEMS (500W - 2MW)



Turnkey renewable energy and power solutions tailored to your specific requirements.

We partner with top global brands to ensure high-quality products and reliable after-sales service.

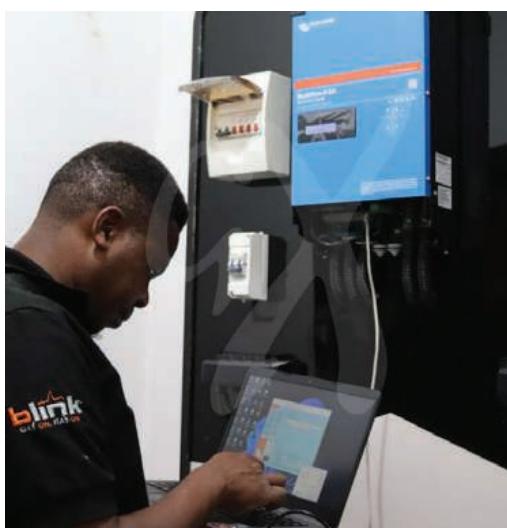


BATTERY-POWERED BACKUP SYSTEMS

Stay powered up even during outages.

Our systems provide seamless backup power to homes and offices, ensuring productivity and safety.

The system constantly charges the batteries, so you are always prepared.



HYBRID SYSTEMS

Combining the best of both worlds, our hybrid systems offer grid-tied convenience with the security of off-grid power. Optimize solar panel output, store excess energy, and enjoy backup power during outages.



PORTABLE POWER SOLUTIONS

Power on the go!

Our portable power stations provide reliable and convenient power for camping, remote work sites, and home emergencies.

Featuring high-capacity lithium-ion batteries and multiple outlets, they're perfect for all your essential devices.



SOLAR REFRIGERATION / COLD STORAGE

Customized backup and off-grid generator solutions for lodges, residential areas, commercial properties, and offices. We ensure reliable power generation when you need it most.



POWER GENERATORS

Customized backup and off-grid generator solutions for lodges, residential areas, commercial properties, and offices. We ensure reliable power generation when you need it most.



Our Products

Energy Products

Solar Panels / PV Modules

Lithium Ion Batteries (LiFe Po4)

Portable Power Solution (Ecoflow)

PV Grid Tied Inverters

Inverter Chargers

Solar Charge Controllers

Remote Monitoring

Solar Fridges and Freezers

Power Generators

Hybrid Inverters

Deep Cycle Lead Acid Batteries

DC -DC Converters

EV Chargers



Energy

Scan Code to View all



Inverters / Inverter chargers
Hybrid inverters /
PV grid tied inverters



Solar charge / controllers



Solar panels / Aluminium Mounting



Solar Fridges / Freezers



Lithium ion / Lead acid Batteries



Energy

Scan Code to View all



Remote monitoring/
Balance of systems

victron energy



suntree



Portable power solutions



EF
ECOPLOW

Solar Street lights



Anern®

Generators



FG WILSON

CATERPILLAR®

EV Chargers



ATESS



victron energy

COMPLETED PROJECTS

KUBU KUBU TENTED LODGE

Client: Tanganyika Wilderness Camps

Client type: Hospitality

Project Category: Battery Storage, Off - Grid Solar, Remote Monitoring

Location: Serengeti

Services Provided: Hybrid Power & Solar backup Solution

Off-Grid and Battery Storage

The Solar Power System runs the entire lodge including the laundry area, water pumps, and staff area.

The System Specifications:

- 212.55kWh of Photovoltaic panels
- 400kWh of battery storage
- 2 x ATESS HPS 100kW hybrid inverter charger
- Remotely monitored using ATESS Enerlog.



KEMARISHE SERENGETI LODGE

Client: TNS Hospitality

Client type: Hospitality

Project Category: Battery Storage, Off - Grid Solar, Remote Monitoring, Telecommunication Solutions

Location: Serengeti

Off-Grid and Battery Storage

The Solar Power System runs the entire lodge including the laundry area, water pumps, and staff area.

The System Specifications:

- 145.8kWh of Photovoltaic panels
- 320kWh of battery storage
- 1 x ATESS HPS 150kW hybrid inverter charger
- Remotely monitored using ATESS Enerlog



SAHARA TANZANIA LIMITED

Client: SAHARA TANZANIA LIMITED

Client Type: Energy & Petroleum

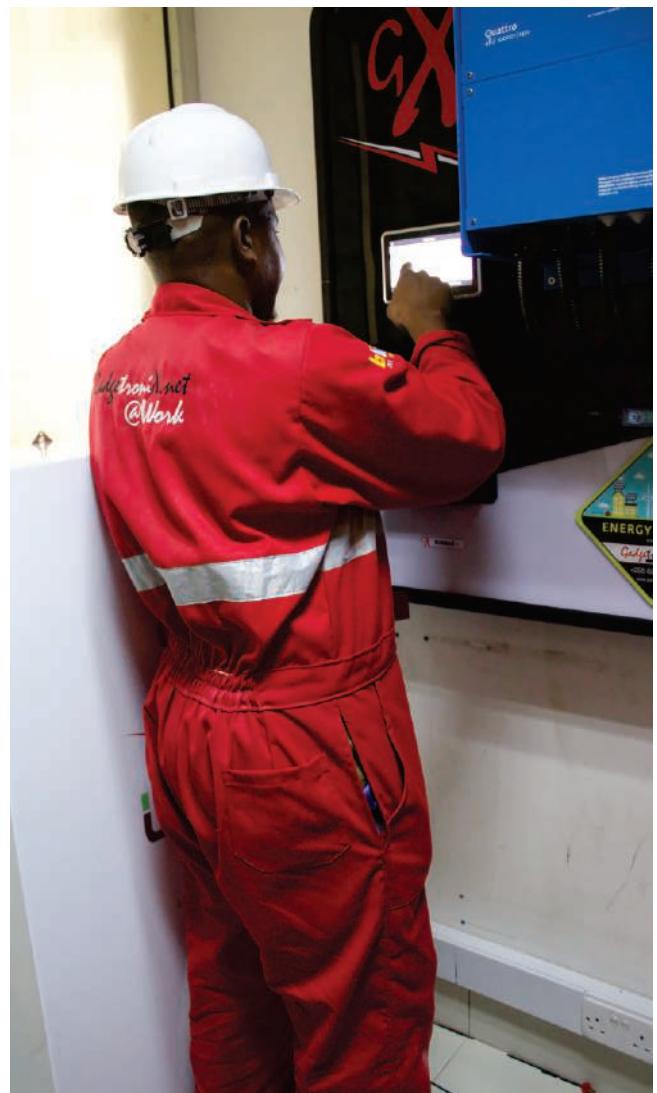
Project Category: Power Backup System, Energy Storage System, Remote Monitoring

Location: Dar Es Salaam

Service Provided: Power Backup System

The System Specifications:

- FREEDOMWON LiTE COMMERCIAL 60/48 - 60kWh 52V LiFePO4 Battery
- VICTRON Inverter Charger 10KVA 48V
- VICTRON Remote Monitoring



SAADANI KASA BAY

Client: MOUNT KILIMANJARO SAFARI CLUB

Client Type: Hospitality

Project Category: Off-grid Solar, Energy Storage System, Remote Monitoring, Containerized Storage Solutions

Location: Saadani National Park

Services Provided : Off-Grid and Energy Storage Solution

The Solar Power System runs the entire lodge including laundry area, water pumps and staff area.



The System Specifications:

- 59.4 kWp Solar Array
- 100 kWh Lithium Battery
- 100kw Hybrid Inverter
- Remote Monitoring
- 88KVA Generator



LAHIA TENTED LODGE

Client: Tanganyika Wilderness Camps

Client type: Hospitality

Project Category: Battery Storage, Off Grid Solar,
Remote Monitoring, Water Pumping

Location: Serengeti

Services Provided: Off-Grid Solar System and Battery Storage

Off-Grid and Battery Storage

The Solar Power System runs the entire lodge including the laundry area, water pumps, and staff area.

The System Specifications:

- 174.9 kWp of Photovoltaic panels
- 150 kWh of battery storage
- 4 x Fronius Eco 27KW Inverters
- 9 x 15kVA/48V inverter/chargers
- 14 x 250V/150A MPPT charge controllers



DHL TANZANIA

Client: DHL Tanzania Limited

Client Type: Logistics

Project Category: Grid-Tie Solar

Location: Dar Es Salaam

Services Provided : Grid Tie



The System Specifications:

- 36.72 kWp of Photovoltaic panels
 - 2 x Fronius Symo 15.0-3-M WLAN / LAN / Webserver
 - The system is also remotely monitored using Fronius Solar Web
- The Grid-tied System runs the office to offset daytime electricity consumption



CRATERS EDGE (NGORONGORO)

Client: The Wilderness Collection

Client Type: Hospitality

Project Category: Battery Storage, Remote Monitoring, Generator

Location: Ngorongoro Conservation Area Authority (NCCAA)

Battery Bank: 100kWh of Lithium ion battery

System Specifications:

- 100kWh FreedomWon HV LiFePO4 Battery
- ATESS HPS50KVA Hybrid Invertor Charger
- 110kVA Perkins Diesel Engine Generator



HAYDOM LUTHERAN HOSPITAL

Client: Friends of Haydom Norway

Client Type: NGO

Project Category: PV Grid Tied Systems, Battery/Energy Storage, Off grid solar system

Location: Haydom, Manyara

System Specifications:

Haydom Lutheran Hospital - Workshop Solar System Upgrade

- 10.8kWp Photovoltaic panels
- 1x10 kW Fronius Symo 10-3M PV inverter

Haydom Lutheran Hospital - Street Lights

- 8.64 kWp Photovoltaic panels
- 10kWh Freedom Won LiTE home battery
- 1X5 KVA Victron multiplus II inverter charger
- 1X250/100 Victron smart solar charger controller MPPT



MAIN CHEM CHEM

Client: Un Lodge en Afrique (ULEA)

Client Type: Hospitality

Project Category: Power backup system, Energy Storage System
Remote Monitoring, Generator backup

Location: Maramboi

Service Provided: Power Backup and Energy Storage System

The System Specifications:

- 200kWh Lithium Battery
- Atess HPS 110kVA 48V 3 Phase Hybrid Inverter
- Remote Monitoring
- 165KVA Generator



KUNDUCHI WET "N" WILD WATER PARK

Client: Oldeani Ngorongoro Mountain Lodge

Client Type: Recreational / Water Theme Park

Project Category: Solar Grid Tied Solution, Remote Monitoring,
PV-Genset Control

Location: Dar-Es-Salaam



The System Specifications:

- 202.24 kWp Solar Array - 368 x JA SOLAR MONOCRYSTALLINE PV MODULES - 555W
- 2 x Fronius Tauro ECO 100-3-P-WLAN PV Inverters



Our Clients

