



**Everlasting Energy
Tanzania**

Powering a Sustainable Future

Product & Solutions Catalogue

Keep Your Fridge Cold & Phones On Even During Blackouts.

Reliable solar solutions and energy storage for homes and businesses across Tanzania & Zanzibar.

We install Felicity, Must, Deye, SRNE and Solis components with our systems

24/7 Energy

Battery backup, no
diesel generator

Save up to 85%

Cut your annual LUKU
dependency

5-Year Warranty

Panels, lithium batteries
& inverters

Remote Monitoring

Check performance on
your phone

OUR STORY

A Trusted Solar Partner for Homes & Businesses

Everlasting Energy Tanzania was established in 2025 to address the challenges our community faces due to power outages and rising energy costs. We are committed to providing clean, reliable energy solutions supporting every stage of the journey, from site analysis and system sizing to installation by local professionals and ongoing after-sales support.



What Makes Us Different?

- 48V & High Voltage solar solutions designed for residential & commercial applications
- On-site technical assessments & GIS report of projected energy production
- WhatsApp support in Swahili & English
- Free site inspection & simulation before you commit

2025

Year founded

5

Cities & regions covered

100%

Local install teams

Where We Install

Arusha · Karatu · Dar es Salaam · Dodoma · Zanzibar and working on expanding across Tanzania.

Every installation includes a free site inspection, GIS-based energy production simulation, and ongoing remote monitoring.

Why Switch to Solar Now

Rising LUKU bills and unreliable grid supply are costing Tanzanian homes and businesses every month. Solar pays for itself then keeps paying you back.

85%

Average reduction in annual
LUKU dependency within
months of switching

24/7

Battery backup keeps power
Flowing, no diesel generator
required

5-Year

Warranty on top-tier solar panels,
lithium batteries & inverters

6,000+

Charge cycles on our lithium-ion
batteries - roughly 10 years of
daily use

2 - 5 Days

Days for a complete professional
installation, start to finish.

100%

Remotely check on system
performance from the
convenience of your phone

‘Reliable solar solutions for homes and businesses across Tanzania & Zanzibar.’

Talk to us today for a free site inspection and personalised savings simulation.

OUR SERVICES

End-to-End Solar Services



System Design

Site evaluation & load calculations for accurate system sizing.



Installation

Off-grid & hybrid systems installed with remote monitoring built in.



Support & Maintenance

Annual checkups, software updates, and battery health checks.



Energy Audits

Wi-Fi smart energy meter installation for usage tracking & optimisation.

The Process

1

Consultation

We understand your needs & energy usage

2

Site Survey

Site visit, system design & simulation

3

Installation

2 - 5 day Installation

4

Go Live

24/7 solar power with after-sales support

Did You Know?

- Lithium-ion batteries last 6,000+ cycles - about 10 years of daily use.
- We offer financing options through a trusted finance partner.
- We install across Arusha, Karatu, Dar es Salaam, Dodoma & Zanzibar.
- Panels still produce energy, although limited on cloudy and grey days

Residential Solar Solutions

Complete, pre-matched solar bundles for homes and villas, sized to your appliances, AC units, and property energy needs.

01

RESIDENTIAL BUNDLES

Solutions for Every Home

Complete bundle solutions - Solar Panels, Inverter and Lithium-ion battery, matched & ready for install.

6.2kW Bundle

Bundle Includes

6 x 450W Solar Panels
6.2kW Inverter
10kWh Lithium-ion Battery
Wi-Fi Smart Meter

IDEAL FOR

Average apartment & homes (1/2 bedrooms)
 regular home appliances
 Max 2 9,000 - 12,000 BTU ACs
 2 x 10 - 15L water Heater Tank

COMPLETE 6kW SOLAR + STORAGE SOLUTION

6 x 450W JA Solar Panels | 6kW Single Phase Inverter | 10kWh 48V LiFePO₄ Battery



6kW Max Power Output | 10kWh Usable Capacity | Single Phase Power Output | Reliable Safe & Efficient

8kW Bundle

Bundle Includes

6 x 550W Solar Panels
8kW Single Phase Inverter
10kWh Lithium-ion Battery
Wi-Fi Smart Meter

IDEAL FOR

Apartment, Homes & Villas (3/4 bedrooms)
 Regular home appliances & Pool Pump
 Max 3 9,000 - 12,000 BTU ACs
 3 x 10 - 15L Water Heater Tank

COMPLETE 8kW SOLAR + STORAGE SOLUTION

6 x 550W JA Solar Panels | 8kW Single Phase Inverter | 10kWh 48V LiFePO₄ Battery



8kW Max Power Output | 10kWh Usable Capacity | Single Phase Power Output | Reliable Safe & Efficient

10kW Bundle

Bundle Includes

8 x 550W Solar Panels
10kW Single Phase Inverter
15kWh Lithium-ion Battery

IDEAL FOR

Small offices, large homes & Apartments
 Regular home appliances & Pool Pump
 Max 4 9,000 - 12,000 BTU ACs
 4 x 10 - 15L Water Heater Tank

COMPLETE 10kW SOLAR + STORAGE SOLUTION

8 x 550W JA Solar Panels | 10kW Single Phase Inverter | 15kWh 48V LiFePO₄ Battery



10kW Max Power Output | 15kWh Usable Capacity | Single Phase Power Output | Reliable Safe & Efficient

RESIDENTIAL BUNDLES

Solutions for Every Home

Complete bundle solutions - Solar Panels, Inverter and Lithium-ion battery, matched & ready for install.

12kW Bundle

Bundle Includes:

10 × 550W Solar Panels
12kW 3-Phase Inverter
15kWh Lithium-ion Battery

IDEAL FOR

Large villas, 3-Phase connection, 4+ AC units

COMPLETE 12kW SOLAR + STORAGE SOLUTION

10 × 550W JA Solar Panels | 12kW 3 Phase Inverter | 15kWh 48V LiFePO₄ Battery



12kW Max Power Output | 15kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

16kW Bundle

Bundle Includes:

12 × 625W Solar Panels
16kW 3-Phase Inverter
25kWh Lithium-ion Battery

IDEAL FOR

4+ bed Apartments, Homes & Villas
6+ AC Units
Pool & Water Pumps

COMPLETE 16kW SOLAR + STORAGE SOLUTION

12 × 625W Jinko Solar Panels | 16kW 3 Phase Inverter | 25kWh 48V LiFePO₄ Battery



16kW Max Power Output | 25kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

20kW Bundle

Bundle Includes:

18 × 625W Solar Panels
20kW Inverter
50kWh Lithium-ion Battery

IDEAL FOR

Large Apartment, Homes, Villas & Small Offices
8+ AC Units
Pool & Water Pumps
Long backup required

COMPLETE 20kW SOLAR + STORAGE SOLUTION

18 × 625W Jinko Solar Panels | 20kW 3 Phase Inverter | 50kWh 48V LiFePO₄ Battery



20kW Max Power Output | 50kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

Solutions for Commercial & Industrial Loads

Scalable 3-Phase Systems with high-voltage Batteries engineered for Commercial and Industrial loads.

30kW Bundle

Bundle Includes:

36 x 720W Solar Panels
30kW 3-Phase Inverter
50kWh+ HV Battery

IDEAL FOR

Medium Offices
 Campsites
 Fuel stations
 Small Clinics
 Cold storage & Greenhouse Farm

COMPLETE 30kW SOLAR + STORAGE SOLUTION

36 x 720W Jinko Solar Panels | 30kW 3 Phase Inverter | 50kWh HV LiFePO₄ Battery



30kW Max Power Output | 50kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

50kW Bundle

Bundle Includes:

60 x 720W Solar Panels
50kW Inverter
80kWh+ HV Battery

IDEAL FOR

Base Camps
 Boutique Hotels
 Schools
 Medium Bank branches

COMPLETE 50kW SOLAR + STORAGE SOLUTION

60 x 720W Jinko Solar Panels | 50kW 3 Phase Inverter | 80kWh HV LiFePO₄ Battery



50kW Max Power Output | 80kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

60kW Bundle

Bundle Includes:

72 x 720W Solar Panels
60kW 3-Phase Inverter
80kWh+ HV Battery

IDEAL FOR

Base Camps
 Large Churches
 Multi 3-phase Equipment Motor Business
 Large Supermarket with Cold Storage Rooms

COMPLETE 60kW SOLAR + STORAGE SOLUTION

72 x 720W Jinko Solar Panels | 60kW 3 Phase Inverter | 80kWh HV LiFePO₄ Battery



60kW Max Power Output | 80kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

COMMERCIAL BUNDLES

Solutions for Commercial & Industrial Loads

Scalable 3-Phase Systems with high-voltage Batteries engineered for Commercial and Industrial loads.

80kW Bundle

Bundle Includes:

72 x 720W Solar Panels
80kW 3-Phase Inverter
100kWh+ HV Battery

IDEAL FOR

Large churches
 Event Halls
 Server Buildings
 Light Industrial applications.

COMPLETE 80kW SOLAR + STORAGE SOLUTION

72 x 720W Jinko Solar Panels | 80kW 3 Phase Inverter | 100kWh HV LiFePO₄ Battery



80kW Max Power Output | 100kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

100kW Bundle

Bundle Includes:

112+ x 720W panels
100kW 3-Phase Inverter
150kWh+ HV Battery

IDEAL FOR

Properties with a transformer on-site
 Large School Campuses
 Office towers
 Event Halls
 Medium Hotels

COMPLETE 100kW SOLAR + STORAGE SOLUTION

112 x 720W Jinko Solar Panels | 100kW 3 Phase Inverter | 150kWh HV LiFePO₄ Battery



100kW Max Power Output | 150kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

125kW Bundle

Bundle Includes:

144+ x 720W Solar Panels
125kW 3-Phase Inverter
200kWh+ HV Battery

IDEAL FOR

Properties with a transformer on-site
 Large School Campuses
 Office Blocks
 Medium Hospitals
 Mid-large Hotels

COMPLETE 125kW SOLAR + STORAGE SOLUTION

144 x 720W Jinko Solar Panels | 125kW 3 Phase Inverter | 200kWh HV LiFePO₄ Battery



125kW Max Power Output | 200kWh Usable Capacity | 3 Phase Power Output | Reliable Safe & Efficient

Our Product Range

Premium, globally certified components: solar panels, inverters, batteries and Wi-Fi smart meters.

02

Solar Panels

High-efficiency mono N-type and bifacial panels from globally certified manufacturers.

450W JA Solar

High-efficiency mono module, reliable and cost-effective. The ideal choice for residential systems. Proven performance backed by a global warranty.



550W JA Solar

Premium mono panel. The workhorse of our premium residential and commercial range. Higher output per panel means fewer panels needed during installation. Perfect strike between size and performance

JA SOLAR



625W Jinko Tiger Neo

N-type bifacial solar power module has superior low-light performance, perfect for Tanzania's climate. Ideal for large homes, villas and commercial rooftops.



720W Jinko Tiger Neo

Our highest-output panel for commercial and industrial-scale arrays, where maximum power density is required.



PRODUCTS

Wi-Fi Smart Energy Meters

Single-Phase & 3-Phase Tuya Meter

Real-time usage tracking via the Tuya Smart Life App

Custom alerts programmable

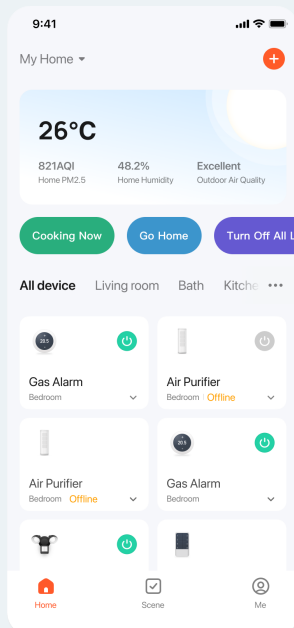
Remote monitoring & automation

63A, 80A, 100A options Available



Did you Know?

Tuya offers a wide range of Smart Home Products and has a very developed Smart Home Ecosystem.



Available on:



Inverters - Residential

Single and 3-phase hybrid inverters, parallel-capable, built for 48V LiFePO4 battery systems.

6kW Felicity IVEM6048

Single Phase 230V 50/60Hz

Up to 6 parallel units - 36kW max output

3 - Phase Output if 3 in Parallel

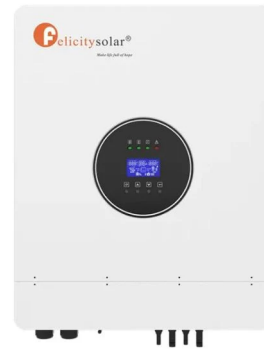
2 MPPT Tracker

8kW Max Solar Panel input

10Ms switching time

Monitor Performance on Must SmartESS

48V Lithium-ion Battery



8kW Felicity IVEM8048

Single Phase 230V 50/60Hz

Up to 6 parallel units - 48kW max output

3 - Phase Output if 3 in Parallel

2 MPPT Tracker

10kW Max Solar Panel input

10Ms switching time

Monitor Performance on Must SmartESS

48V Lithium-ion Battery



10kW Must PV1900M EXP

Single Phase 230V 50/60Hz

Up to 6 parallel units - 60kW max output

3 - Phase Output if 3 in Parallel

2 MPPT Tracker

13kW Max Solar Panel input

10Ms switching time

Monitor Performance on Must SmartESS

48V Lithium-ion Battery



Inverters - Residential

Single and 3-phase hybrid inverters, parallel-capable, built for 48V LiFePO4 battery systems.

12kW 3P Must PH1100

3-Phase 230/400V 50/60Hz

Up to 6 parallel units - 72kW max output

2 MPPT Trackers - 4 strings

15kW Max Solar Panel input

10Ms switching time

2 Battery Banks Inputs

Monitor Performance on Must SmartESS

48V Lithium-ion Battery



16kW 3P Felicity IVGM16KLP3G1

3-Phase 230/400V 50/60Hz

Up to 10 parallel units - 160kW max output

2 MPPT Trackers - 4 strings

25kW Max Solar Panel input

10Ms switching time

2 Battery Banks Inputs

Monitor Performance on Fsolar Smart Cloud

48V Lithium-ion Battery



20kW 3P Felicity IVGM20KLP3G1

3-Phase 230/400V 50/60Hz

Up to 10 parallel units - 200kW max output

2 MPPT Trackers - 4 strings

32kW Max Solar Panel input

10Ms switching time

2 Battery Banks Inputs

Monitor Performance on Fsolar Smart Cloud

48V Lithium-ion Battery



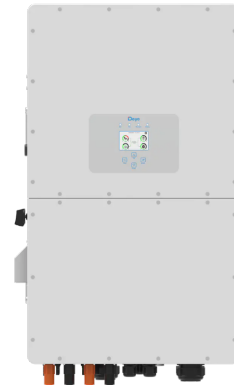
Inverters - Commercial & Industrial

High-voltage 3-phase inverters for large commercial, industrial, and utility-scale projects.

30kW 3P Deye 30K-SG01HP3

3-Phase 230/400V 50/60Hz

- Up to 10 parallel units - 300kW max
- 4 MPPT Trackers - 8 strings
- 39kW Max Solar Panel input
- 10Ms switching time
- 2 Battery Banks Inputs
- Monitor Performance on Deye Cloud
- 150- 500V HV Battery



50kW 3P Felicity IVGM50KHP3G1

3-Phase 230/400V 50/60Hz

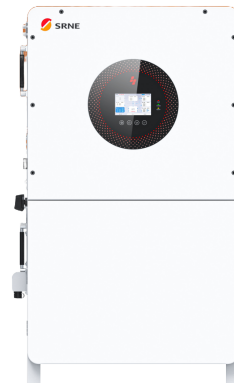
- Up to 12 parallel units - 600kW max
- 4 MPPT Trackers - 8 strings
- 70kW Max Solar Panel input
- 10Ms switching time
- 2 Battery Banks Inputs
- Monitor Performance on Fsolar Smart Cloud
- 150- 850V HV Battery



60kW 3P SRNE IESP600SH3

3-Phase 230/400V 50/60Hz

- Up to 9 parallel units - 540kW max
- 4 MPPT Trackers - 8 strings
- 90kW Max Solar Panel input
- 10Ms switching time
- 2 Battery Banks Inputs
- Monitor Performance on Smart ESS app
- 150- 820V HV Battery



Inverters - Commercial & Industrial

High-voltage 3-phase inverters for large commercial, industrial, and utility-scale projects.

80kW 3P Solis S6 EH3P80K

3-Phase 230/400V 50/60Hz

Up to 10 parallel units - 800kW max

10 MPPT Trackers - 20 strings

160kW Max Solar Panel input

10Ms Switching time

2 Battery Banks Inputs

Monitor Performance on SolisCloud Monitoring

300 - 950V Battery



100kW 3P Solis S6 EH3P100K

3-Phase 230/400V 50/60Hz

Up to 10 parallel Units - 1000kW max

10 MPPT Trackers - 20 strings

200kW Max Solar Panel input

10Ms Switching time

2 Battery Banks Inputs

Monitor Performance on SolisCloud Monitoring

300 - 950V Battery



125kW 3P Solis S6 EH3P125K

3-Phase 230/400V 50/60Hz

Up to 10 parallel Units - 1250kW max

10 MPPT Trackers - 20 strings

250kW Max Solar Panel input

10Ms Switching time

2 Battery Banks Inputs

Monitor Performance on SolisCloud Monitoring

300 - 950V Battery



PRODUCTS

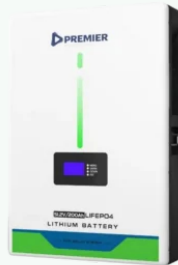
Lithium-Ion Battery Storage

✓ 6,000+ Cycle Life ✓ Built-in BMS Protection ✓ Flame-Retardant Chemistry ✓ 10-Year Warranty

LiFePO4

10kWh - 48V

1 - 2 bedroom Apartment & Homes



LiFePO4

15kWh - 48V

3 - 4 bedroom Homes & Villas



LiFePO4

25kWh - 48V

Medium - Large Homes & Villas
Small Offices



LiFePO4

50kWh - 48V

Large homes & Villas
Medium Offices



LiFePO4

50kWh - 1MWh

High Voltage
Commercial / Industrial / Utility-scale



FAQs & Getting Started

Everything you need to know before going solar and the first step.

03

Frequently Asked Questions

Q. How long do batteries last?

Lithium-ion batteries provide 6,000+ cycles -about 10 years of daily use.

Q. Do you have financing options?

Yes, we work with a finance partner to help spread system costs.

Q. Can you install in Zanzibar?

Yes, we install in Arusha, Karatu, Dar es Salaam, Dodoma, Zanzibar, and are expanding further.

Q. What happens during heavy clouds?

Panels still produce energy and the battery fills the gap. If that's not enough, the inverter pulls from TANESCO.

Q. Do you provide maintenance?

Yes, we can maintain existing systems and can suggest upgrade options if any are needed.

Q. Can I use an Inverter & Battery without panels?

Yes, we recommend an automatic transfer switch, to seamlessly switch to the inverter during Power cuts.



Everlasting Energy Tanzania

Powering a Sustainable Future

Let's Talk Solar

Fill in the form on our website or reach out directly for a free consultation and site inspection.



CALL / WHATSAPP

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LOCATION

Arusha, Tanzania



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[everlastingenergytz.org](https://www.everlastingenergytz.org)



[everlastingenergytz](https://www.instagram.com/everlastingenergytz)

Free Site Inspection · Free Energy Simulation · No Obligation

Book yours today, our team replies within 24 hours.