


# You made the switch

January Edition

 [www.monesolar.com](http://www.monesolar.com)

 08055648689

 11b Chris Madueke Drive Lekki Phase 1

 [support@monesolar.com](mailto:support@monesolar.com)

# Dear Beloved Partner,

Once again welcome to a brand year 2025. I want to express my appreciation for the previous year 2024 for your unwavering support. 2024 was a remarkable year for us here at Mone Solar as through your collaborative effort we impacted more several consumers around the country with access to clean energy.

This year we are committed to enhancing your experience with cleaner, reliable and efficient power supply turning dreams into achievement.

Thank you for making Mone Solar your trusted partner in bring renewable energy to you. Together we will soar this year 2025!

*Ewere Okah*

Chief Executive Officer  
Mone Solar Limited



# Mini Grid: A Pathway to Electrification

Mini-grids are localized electricity supply systems that can operate independently or in conjunction with the main power grid. They offer a viable solution for electrifying remote and underserved communities.

## Key Components of Mini-Grids

### 01 Generation Source:

Renewable energy sources like solar, wind, biomass, or hydro power.

01

### 02 Energy Storage:

Batteries store excess energy for use during low-production periods.

02

### 03 Distribution Network:

Wires or cables that deliver electricity from the generation source to consumers.

03

### 04 Control System:

Technologies that manage energy production, storage, and distribution

04

## Types of Mini-Grids

01

### Standalone Mini-Grids:

These operate independently, providing energy to isolated communities.

02

### Hybrid Mini-Grids:

These combine renewable energy sources with diesel generators or other systems for flexibility and reliability.

03

### Grid-Connected Mini-Grids:

These are connected to the main grid, allowing energy exchange.

Mini-grid developments play a crucial role in achieving Sustainable Development Goal 7 (SDG 7), which aims to ensure access to affordable, reliable, sustainable, and modern energy for all. They also contribute significantly to the Millennium Development Goals (MDGs), particularly in the areas of poverty reduction and improving health and education.

*Here's a detailed look at the effects of mini-grid developments on these goals:*

### **Impacts of Mini Grid on SDG 7: Affordable and Clean Energy**

Mini-grids extend electricity to off-grid and underserved communities, increasing the number of people with access to reliable energy sources.

Many mini-grids harness renewable energy sources like solar, wind, and hydro, promoting sustainable energy production and reducing reliance on fossil fuels.

*By generating electricity locally, mini-grids can lower energy costs for consumers compared to traditional grid connections, especially in areas with limited infrastructure.*

## **IMPACTS OF MINI GRID DEVELOPMENT ON SDG7 AND MDG**

By generating electricity locally, mini-grids can lower energy costs for consumers compared to traditional grid connections, especially in areas with limited infrastructure.

Mini-grids provides more reliable energy than the national grid, particularly in rural areas prone to outages.

Mini-grid systems encourages the adoption of energy-efficient appliances and practices, leading to reduced energy consumption.

*Reliable energy from mini-grids enables local businesses to operate more efficiently, stimulating economic growth and job creation.*



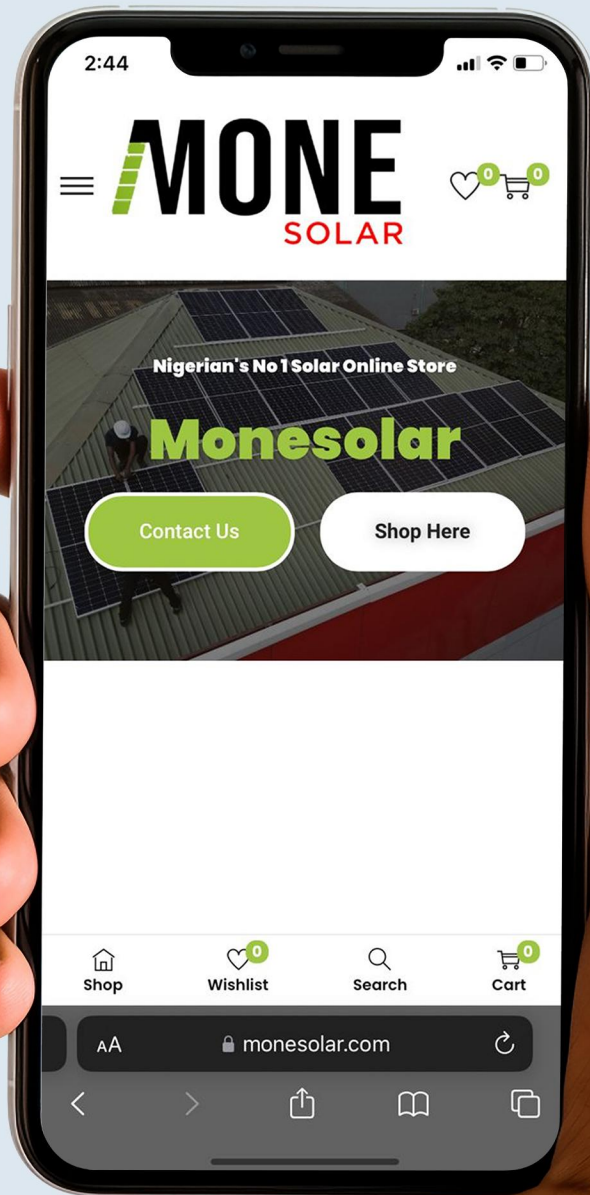


**The best  
investment  
you'll ever  
make is in  
clean energy.**



# Discover the easiest way to **GO SOLAR.**

Fast, Durable and Reliable  
with [monesolar.com](https://monesolar.com)




 [www.monesolar.com](https://www.monesolar.com)

 08055648689

 [support@monesolar.com](mailto:support@monesolar.com)

Thank You

 [www.monesolar.com](http://www.monesolar.com)

 08055648689

 11b Chris Madueke Drive Lekki Phase 1

 [support@monesolar.com](mailto:support@monesolar.com)

