HARDWIRED SOLUTIONS

SERVICE CATALOG

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HARDWIRED SOLUTIONS

"Illuminate and Automate
your spaces by trusting our expertise."

-Alltrey Pinto

Founder

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Home Automation

Transforming Modern Living

Home automation, often referred to as smart home technology, is revolutionizing the way we interact with our living spaces. By integrating advanced technology into everyday home functions, homeowners can enjoy increased convenience, improved energy efficiency, and enhanced security. This guide explores the various aspects of home automation and how it can benefit your lifestyle.

What is Home Automation?

Home automation involves the use of internet-connected devices to control common household systems and appliances. These devices can be controlled remotely through smartphones, tablets, or voice-activated assistants like Amazon Alexa, Google Assistant, and Apple Siri.

The Future of Home Automation

As technology continues to advance, the possibilities for home automation are endless. Future developments may include more intuitive artificial intelligence, improved energy management systems, and even greater integration across devices and platforms. Embracing home automation today means being at the forefront of a rapidly evolving technological landscape.

Home automation is not just a trend; it's a step towards a more efficient, secure, and comfortable lifestyle. Whether you're looking to enhance your home's security, reduce your carbon footprint, or simply enjoy the convenience of modern technology, home automation offers solutions that can be tailored to your unique needs

Home Automation

Key Components of Home Automation

Smart Lighting

Smart lighting systems allow you to control the brightness and color of your lights remotely. With automated schedules and motion sensors, you can ensure lights are only used when needed, saving energy and extending bulb life.

Smart Thermostats

Smart thermostats learn your heating and cooling preferences to optimize your home's climate control. They can be programmed to adjust temperatures based on when you are home or away, enhancing comfort and efficiency.

Smart Security Systems

Home automation enhances security with smart locks, cameras, and doorbells. You can monitor your home in real-time, receive alerts of unusual activity, and even grant access to visitors remotely.

Smart Appliances

From refrigerators that help with grocery lists to ovens that can be preheated from your phone, smart appliances make daily tasks easier and more efficient.

Voice-Activated Assistants

Voice-activated devices serve as the central hub for home automation. They allow you to control various systems through simple voice commands, making your home truly interactive

Benefits of Home Automation

Convenience
With home automation, managing your home becomes seamless. You can control multiple devices from a single app or through voice commands, simplifying daily routines.

Energy Efficiency
Automated systems help reduce energy consumption by ensuring devices are only active when necessary. This not only lowers utility bills but also helps the environment.

Security
Enhanced security features provide peace of mind. Remote surveillance, smart locks, and automatic alerts keep you informed and in control, whether you're home or away.

Customization
Home automation systems can be tailored to fit your specific needs and preferences, allowing for a personalized living environment.
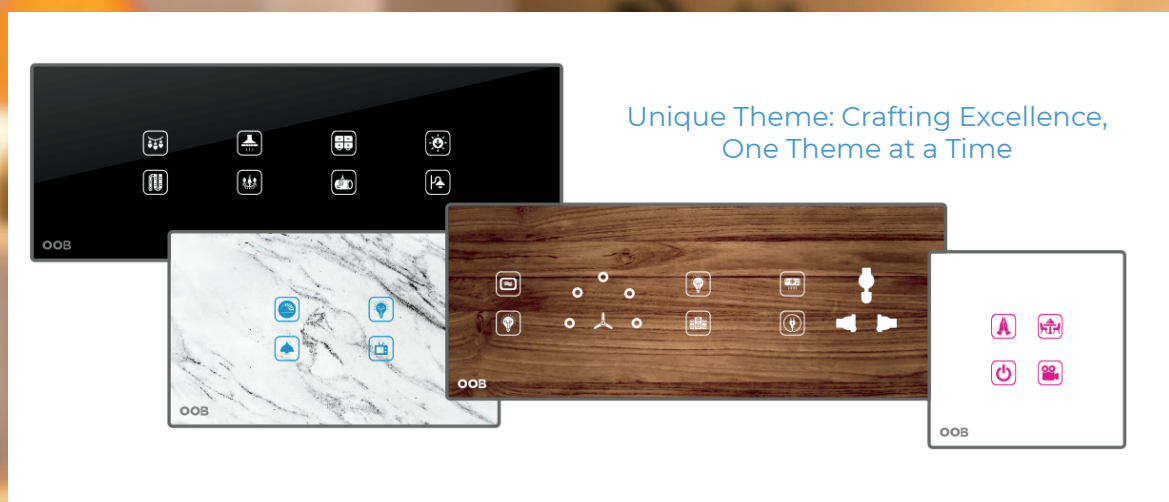
Home Automation

SMART SWITCHES

"Smart switches are available in a variety of sizes, ranging from compact 2-modular units to larger 18-modular configurations—designed to fit seamlessly into any space or requirement."

WHAT YOU HAVE CONTROL OVER

- Lighting
- FAN
- Curtains
- Doorbell
- Television
- Air Conditioning

WAYS TO CONTROL YOUR DEVICE

- Touch
- App
- Voice Remote
- Smart Watch

Unique Theme: Crafting Excellence, One Theme at a Time

Home Automation

IR BLASTER

IR Blaster Remote

TECHNICAL SPECIFICATION
Operating Voltage: 5Vdc, 1A
Technology: Wi-Fi 2.4Ghz, 802.11b/g/n

An IR Blaster allows you to effortlessly control a wide range of devices such as air conditioners, TVs, set-top boxes, projectors, and AV systems—all from a single smart interface."

IR Frequency: 38Khz
IR Range: Up to 7 Meter (Line of Sight)
Dimensions (MM): 80(L) x 80(W) x 30(H)
Material: Polycarbonate (ABS)

Compatible Appliances: TV, AC, Set Top Box, Projector, Fan, AV System
Colour: Black

Operation Temperature: -10°C to 50°C
Relative Humidity: 5 to 95%

Voice Assistance: Alexa, Google Home

CONTROLS

Wifi Networking

We offer robust and scalable networking solutions tailored to meet the demands of modern businesses and smart homes.

Our services include the installation and configuration of:

- Firewalls for advanced security and threat protection
- Managed and Unmanaged Switches for efficient network traffic management
- Wireless Access Points to ensure seamless, high-speed connectivity across your space
- Whether it's securing your network, expanding coverage, or optimizing performance, our solutions are designed to keep you connected safely and reliably

Home Automation

CCTV Camera

We offer a range of high-quality cameras from 3MP to 8MP (4K), providing crisp, detailed video with live monitoring capabilities. Choose between 2.8mm or 3.6mm lens options to suit your viewing needs. Equipped with four advanced night vision modes, our cameras deliver clear, day-like visibility even in complete darkness. Human Detection technology ensures intelligent monitoring by filtering out false alerts, so you only get notified when it matters. With an IP67 weatherproof rating, these cameras are built to perform reliably outdoors, rain or shine.

Built-in Spotlight
keep unwelcome visitors away from your home.

Diversified Storage
Supports NVR, Cloud Storage or Micro SD card (up to 512 GB)

Built-in Microphone
High quality microphone picks up sounds clearly while monitoring

Wi-Fi Connection
IEEE802.11b/g/n/ax (2.4GHz)

Human Detection
Quickly find human targets in you home

IP67
Weatherproof from dust and water

Smart Color Night Vision
Support four-mode night vision for clear-as day clarity even in pitch dark

Alarm Notification
Sends instant motion-activated alerts to your mobile phone

Stay Connected to What Matters Most

With cloud services, you'll have access to your important content whenever you have an internet connection. You can record daily or motion videos in the cloud and enjoy playback anytime, anywhere.

Home Automation

SMART DOOR LOCK

SMART DOOR LOCK

- Finger print
- RFID Card
- Pin Number/Passcode
- Mechanical Key
- Mobile App* (Wi-Fi Chip Extra Required)
- 3rd Party VDP Integration (Tx-Rx Chip Extra Required) *Smartlife Mobile Application
- Dimension : 360x70x70 mm

VIDEO DOOR PHONE

- HD Camera Resolution
- Mobile App Battery Backup upto 6 Months (2200mah Battery)
- PIR Sensor, Night Vision, & Waterproof
- Real Time Notification Alerts, Two Way Talk
- SD card & Cloud Storage Support
- Wide Angle of 160 degrees
- Tuya/ Smart Life Mobile Application
- Door Lock Integration Option Not Available
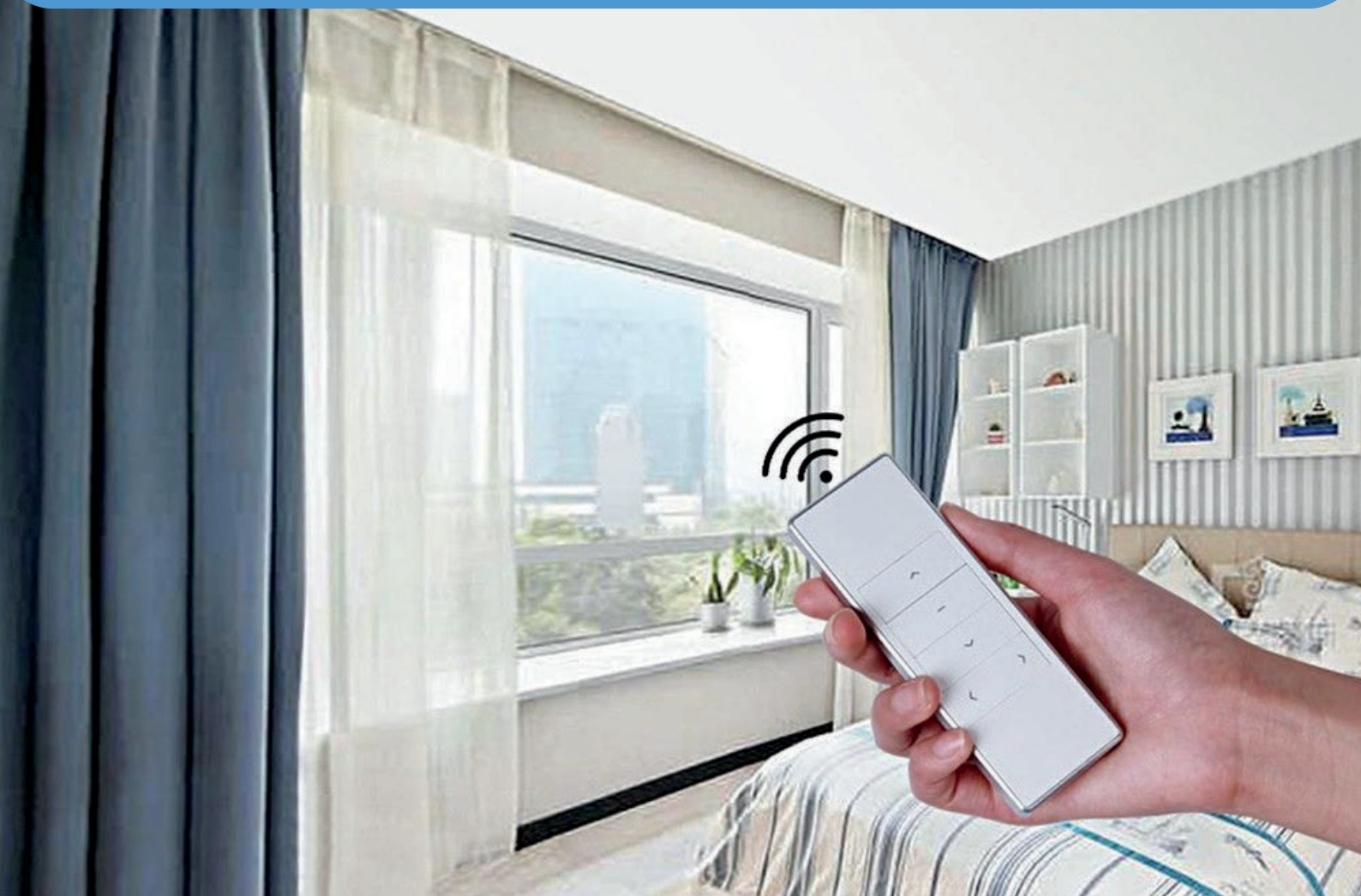- Dimension : 46x25x73 mm

Home Automation

Curtain

Transform your living or workspace with our state-of-the-art Auto Curtain System. Designed for comfort, style, and efficiency, it offers effortless control over natural lighting and privacy.

Key Features:

- **Motorized Operation:** Open and close your curtains with the touch of a button or through your smartphone
- **Smart Integration:** Compatible with Alexa, Google Assistant, and other smart home systems
- **Remote & App Control:** Manage curtains from anywhere using the mobile app or remote control
- **Scheduled Automation:** Set timers to automatically open or close your curtains based on your routine
- Smooth & Silent Movement: High-quality motor ensures quiet, seamless operation
- **Elegant Design:** Sleek tracks and fabric compatibility that match any interior décor
- **Manual Override:** Curtains can still be operated manually during power outages

Ideal For: Homes, hotels, offices, and commercial spaces seeking a modern touch with maximum functionality

Home Automation

GATE AND DOOR SERIES

SLIDING GATE MOTOR

A sliding gate motor is an electromechanical device that automatically opens and closes a sliding gate, offering convenience and security, and can be operated via remote control, switch, or access control systems.

SWING GATE MOTOR

A swing gate motor is an electromechanical device that automates the opening and closing of a swing gate, typically using a motor, control panel, and sensors, allowing for remote or automatic operation.

SWING DOOR MOTOR

A swing door motor, also known as a swing door operator or automatic swing door opener, is a motorized system that automatically opens and closes a swing door, typically used in commercial and public buildings, according to Dormakaba.

Your roadmap to adopting
SOLAR ENERGY and fostering
a sustainable future.

WHY MAKE THE
SWITCH TO SOLAR?

There are plenty of benefits when installing solar:

Shrink Your Energy Bills

By generating your own electricity, you'll significantly reduce your reliance on the grid, leading to substantial savings on your energy bills. In some cases, you could even wave goodbye to electricity costs altogether!

Boost Your Home's Value

Solar panels are a sought-after feature that can increase your property's appeal and market value. Prospective buyers see them as a long-term investment that will continue to pay dividends.

Champion the Environment

Solar energy is a clean, renewable resource that helps combat climate change. By going solar, you'll reduce your carbon footprint and contribute to a healthier planet.

Embrace Energy Independence

Solar panels grant you a degree of freedom from fluctuating energy prices and potential supply disruptions. You'll be less vulnerable to rising costs and grid instability.
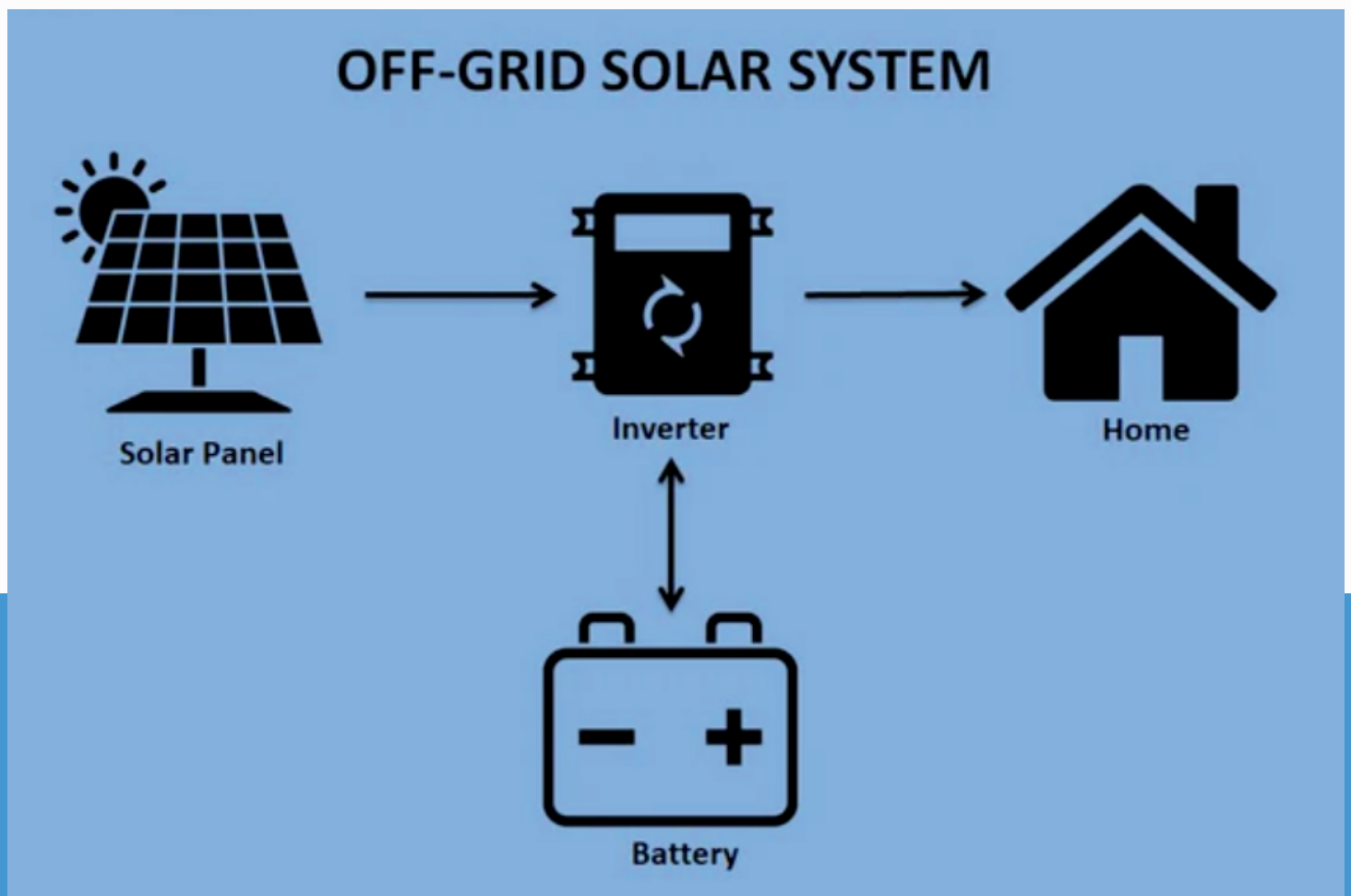
Unlock Government Support

A range of government schemes and grants are available to help offset the initial cost of solar panels, making them more accessible to homeowners.
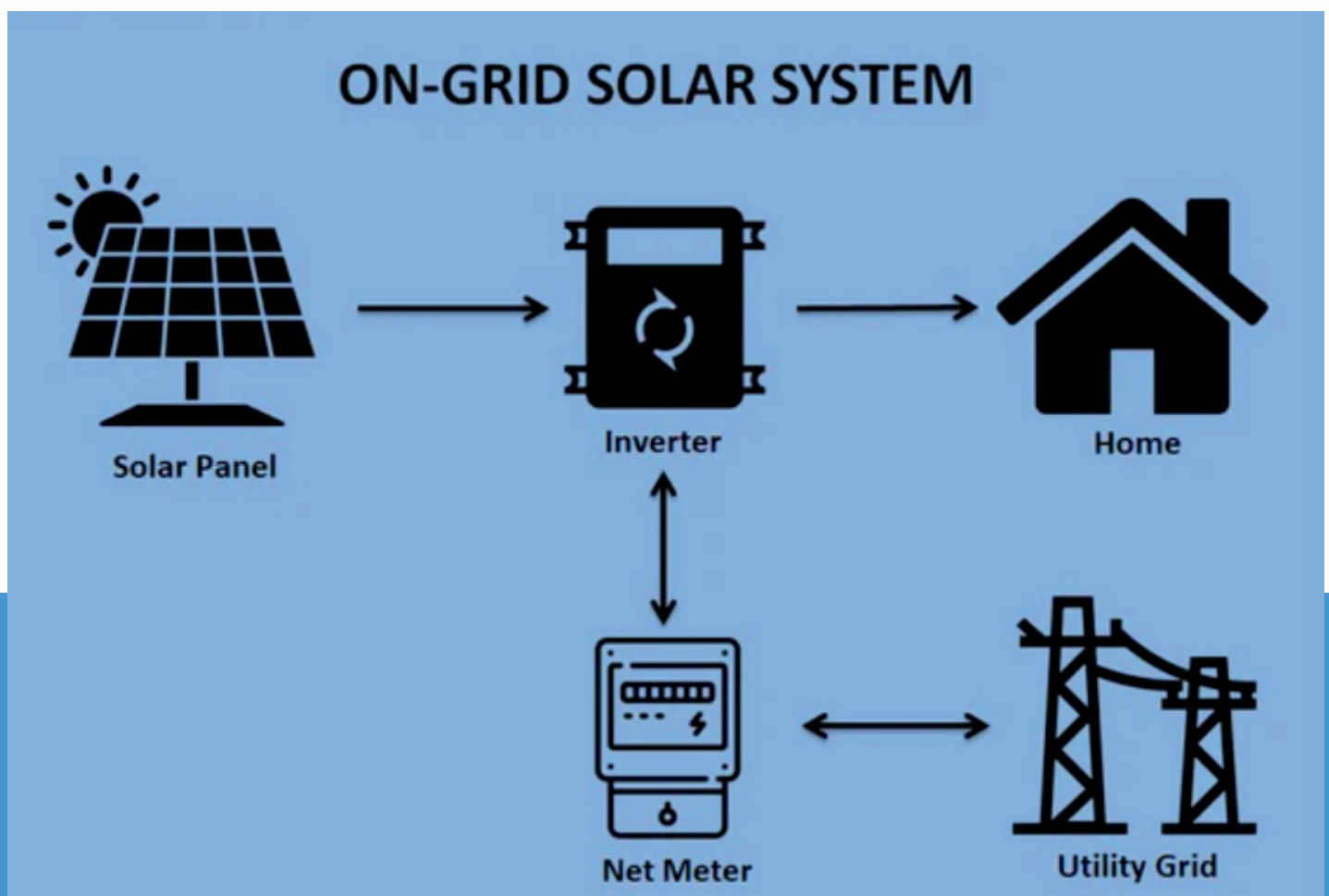
SOLAR ENERGY GENERATOR

OFF GRID

An off-grid solar system is a self-sufficient power source that operates independently from the main electrical grid, using solar panels to generate electricity and batteries to store it for later use.

OFF-GRID SOLAR SYSTEM

Solar Panel

Inverter

Home

Battery

SOLAR ENERGY GENERATOR

ON GRID

An on-grid solar system, also known as a grid-tied system, connects solar panels to the local electrical grid. This allows you to use solar energy during the day and send excess electricity back to the grid.

ON-GRID SOLAR SYSTEM

Solar Panel

Inverter

Home

Net Meter

Utility Grid

GENERATORS

A generator is a device that converts mechanical energy into electrical energy. It works by rotating a coil of wire in a magnetic field, causing a current to flow in the wire. Generators can be powered by water, wind, steam, gas, or nuclear reactions. They are used to provide electrical power for transmission and distribution over power lines to domestic, commercial, and industrial customers. Generators also produce the electrical power required for automobiles, aircraft, ships, and trains.

POWER BACKUP SOLUTIONS

We provide high-performance generator solutions for residential, commercial, and industrial needs. Our range includes diesel and petrol generators designed for efficiency, durability, and uninterrupted power supply.

Our Generator Solutions Offer:
- Reliable backup during power outages
- Low-noise, fuel-efficient performance
- Wide range of capacities (1 kVA to 100+ kVA)
- Automatic and manual startup options

Whether it's a home, office, or facility—our generators ensure your operations never stop. Trust us for seamless installation, service, and support.

CONTACT US

SCAN HERE