

COLLECTION · SOLAR AND ENERGY STORAGE

Solar Energy Solutions

Use your own solar power day and night: from home packages to battery systems for businesses, solar carports and solar farms.

Businesses

Homes

Car parks

Solar farms



Designed for your site

Sized to your demand and budget

Loan and lease

Through partner banks and leasing companies

One partner

From assessment to maintenance

Choose the right solution

Four ways to generate and store your own clean energy. Each has its own section in this brochure.



Hybrid Solar + Battery

For businesses: use your solar power day and night.

- Zero export
- Backup during power cuts
- Smart monitoring
- EV charging ready

SEE PAGES 3–6



Home Solar Packages

Hybrid solar with battery for Sri Lankan homes.

- 5 kW and 10 kW
- Battery included
- Backup for power cuts
- Coming soon

SEE PAGES 7–10



Y-Shaped Solar Carports

Turn your car park into a power station.

- Two rows, one column line
- Shade and power
- EV charging ready
- Designed for your site

SEE PAGES 11–14



Large-Scale Solar Farms

For investors, developers and landowners.

- Feasibility and design
- Supply and installation
- Commissioning
- Operation and maintenance

SEE PAGES 15–18

Loan and leasing facilities

Financing can be arranged through our partner banks and leasing companies.

Installed and supported

Delivery, installation, training and local service from our Rajagiriya office.

Request a quote

WhatsApp or call +94 77 285 3488
prem@infetechnologies.com
infetechnology@gmail.com

HYBRID SOLAR SYSTEM · SRI LANKA

Hybrid Solar + Battery Systems

Generate your own solar power, store it in batteries and use it day and night. Our zero-export hybrid systems are sized to your own consumption, so your savings don't depend on export rates.

Zero export

Battery backup

Smart monitoring

EV charging ready



Illustration

Use your own power

Day and night

Backup during power cuts

Essential loads keep running

Sized to your site

Battery capacity to suit

HOW IT WORKS

Your solar power, day and night

During the day, solar panels power your site first and send any extra energy to the battery. In the evening and at night, the battery takes over.

The grid stays connected as a backup, but nothing is exported, so the value of your system comes from the electricity you no longer buy.



Illustration: hybrid solar and battery system for a business.

KEY BENEFITS

Built for businesses

Use your own power

Solar powers your site by day and charges the battery for the evening and night.

Backup during power cuts

The battery keeps essential loads running when the grid goes down.

Zero export

Sized to your consumption; nothing is fed to the grid.

Smart monitoring

Track generation, battery level and savings on your phone.

EV charging

Charge electric vans from stored solar energy.

Customizable capacity

Battery capacity designed around your needs.

A DAY WITH HYBRID SOLAR



Daytime

Solar panels power your site first and charge the battery with the extra energy.



Evening and night

The battery takes over and powers your site after sunset.



Grid as backup

The grid stays connected as a backup. Nothing is exported.

See every unit you generate and store



Battery storage for a business site.



Generation, battery level and savings on your phone or tablet.

HOW WE WORK

01

Consultation

Tell us about your site, your energy use and what you want to achieve.

02

Site survey and proposal

We assess your site and send a design and tailored quotation.

03

Installation

Our qualified team installs and commissions the system.

04

Monitoring and support

Track performance, backed by our help desk and service centre.

QUESTIONS

What does zero-export mean?

The system is grid-connected but never feeds electricity back to the grid. It is sized so your own site uses all the solar energy it produces.

Which battery and inverter brands do you use?

We select batteries and inverters for each project and will confirm the equipment in your proposal.

Images are illustrations. Every system is designed for its own site; equipment is confirmed in your proposal.

FOR BUSINESS

Lower energy bills, steady power



Illustration: solar on commercial buildings and factories.

IDEAL FOR

Commercial buildings

Factories

Manufacturing

Hotels and resorts

Schools

Hospitals

Designed for your site

Every system is sized to your own energy use, space and budget.

Equipment confirmed in your proposal

We select panels, inverters and batteries for each project.

Installed by our team

Supply, installation and commissioning by qualified technical staff.

Local service

Sales and service from our Rajagiriya office.

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HOME SOLAR SYSTEM · SRI LANKA

Home Solar Packages

Hybrid solar and battery packages for homes. Your solar panels power your home during the day and charge the battery, the battery powers your evenings, and the grid is there only as backup.

5 kW and 10 kW

Battery included

Power through outages

Coming soon



Illustration

Two package sizes

For typical Sri Lankan homes

Power through outages

Lights, fans and essentials

Register your interest

We will contact you first

COMING SOON TO SRI LANKA

Solar power for your home, day and night

We are introducing 5 kW and 10 kW home solar packages, designed, supplied and installed by Infe Technologies.

The first demonstration system is being installed now. Register your interest and we will contact you as soon as the packages are available.



Illustration: home battery and inverter installation.

KEY BENEFITS

Made for Sri Lankan homes

5 kW and 10 kW packages

Two package sizes for typical Sri Lankan homes.

Battery sized to your needs

Battery capacity customized to your household.

Power through outages

Keep lights, fans and essentials running during power cuts.

No dependence on export rates

Nothing is exported, so your savings come from the electricity you no longer buy.

Designed and installed by Infe

One team designs, supplies and installs your package.

Grid as backup only

The grid stays connected for the times your battery needs help.

A DAY WITH HYBRID SOLAR



Daytime

Solar panels power your home first and charge the battery with the extra energy.



Evening and night

The battery takes over and powers your home after sunset.



Grid as backup

The grid stays connected as a backup. Nothing is exported.

Panels by day, battery by night



Illustration: a Sri Lankan home with solar panels.



Illustration: solar energy for homeowners.

HOW WE WORK

01

Register your interest

Tell us about your home and your monthly electricity use.

02

Home visit and proposal

We check your roof and recommend the 5 kW or 10 kW package.

03

Installation

Our qualified team installs and commissions the system.

04

Monitoring and support

Track your system, backed by our service centre.

QUESTIONS

When will the packages be available?

The first demonstration system is being installed now. Register your interest and we will contact you as soon as the packages are available.

Images are illustrations. Every system is designed for its own site; equipment is confirmed in your proposal.

FOR HOMEOWNERS

Your own power, at home



Illustration: a Sri Lankan home powered by solar.

IDEAL FOR

Homeowners

Holiday homes

Home offices

Homes with frequent power cuts

Homes with an electric car

New houses

Designed for your home

Package and battery size matched to your household.

Equipment confirmed in your proposal

We confirm panels, inverter and battery for each home.

Installed by our team

Supply, installation and commissioning by qualified technical staff.

Local service

Sales and service from our Rajagiriya office.

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SOLAR CARPORT · SRI LANKA

Y-Shaped Solar Carports

Turn your car park into a power station. A Y-shaped solar carport shades two rows of vehicles from a single row of columns, generates clean electricity and is the natural place to charge electric vans.

Two rows, one column line

Shade and power

EV charging ready

Designed for your site



Illustration

Shade and power

From space you already have

EV charging ready

Chargers on the columns

Project design

Sized to your car park

Your car park, working for you

Offices, factories, hotels, hospitals and shopping centres all have one thing in common: car parks in full sun.

A Y-shaped solar carport uses that space to generate power, keeps vehicles cool and gives you a ready location for EV charging.



Illustration: Y-shaped solar carport with an electric van charging.

KEY BENEFITS

Why a Y-shaped carport

Two rows from one column line

The Y-shaped frame cantilevers both ways, keeping parking bays open and easy to use.

Shade and power

Protects vehicles from sun and rain while generating electricity.

EV charging ready

Chargers mount on the columns for electric fleets.

Designed for your site

Sized to your car park, energy demand and budget.

Add battery storage

Combine with our hybrid battery systems to store carport solar power.

Electric vans from Infe

Combine the carport with AUCWELL electric vans and chargers.

THREE JOBS, ONE STRUCTURE



Shade

Protects two rows of vehicles from sun and rain.



Power

Generates clean electricity for your site.



Charge

EV chargers mount on the columns for electric fleets.

One partner for the whole project



Illustration: carport inspection by our engineers.



Illustration: charging an electric van under the carport.

HOW WE WORK

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Consultation

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02

Site survey and proposal

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03

Installation

Our qualified team installs and commissions the system.

04

Monitoring and support

Track performance, backed by our help desk and service centre.

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LED BY ENGINEERS

Built with engineering experience



Prem Rohan Mirissage, Founder and Chief Operating Officer, at a solar carport site.

IDEAL FOR

Commercial buildings

Factories

Hotels and resorts

Schools

Hospitals

Fleet operators

Designed for your site

Every system is sized to your own energy use, space and budget.

Equipment confirmed in your proposal

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SOLAR FARM DEVELOPER · SRI LANKA

Large-Scale Solar Farms

We support investors and renewable energy developers from the first site assessment to a working solar farm, with long-term monitoring and maintenance.

Feasibility and design

Supply and installation

Commissioning

Long-term care



Illustration

From feasibility

Site assessment and yield estimates

To commissioning

Supply and installation

And beyond

Monitoring and maintenance

EVERY SOLAR FARM IS DIFFERENT

Designed around your site and goals

Land, grid connection, energy demand and investment goals differ for every project, so we design each solar farm around its own site and objectives.

We stay with the project after commissioning, with monitoring and maintenance for the life of the plant.



Illustration: a large-scale solar farm in Sri Lanka.

KEY BENEFITS

What we deliver

Feasibility and design

Site assessment, system design and energy yield estimates.

Supply and installation

Panels, inverters and battery storage, installed and commissioned.

Long-term care

Monitoring and maintenance for the life of the plant.



Illustration: a solar farm at sunset.

Engineering from survey to operation



Illustration: site inspection.



Illustration: inverter station.

HOW WE WORK

01

Site assessment

Land, grid connection and energy yield estimates.

02

Design and proposal

System design and a project proposal for investors.

03

Supply and installation

Panels, inverters and storage, installed and commissioned.

04

Operation and maintenance

Monitoring and maintenance for the life of the plant.

Images are illustrations. Every system is designed for its own site; equipment is confirmed in your proposal.

FOR DEVELOPERS AND INVESTORS

A partner for the whole project



Illustration: working with renewable energy developers.

IDEAL FOR

Renewable energy developers

Investors

Government agencies

Manufacturing industries

Plantations and estates

Industrial zones

Feasibility first

Site assessment, design and yield estimates before you invest.

Equipment confirmed in your proposal

Panels, inverters and storage selected for each project.

Installed and commissioned

By qualified technical staff.

Long-term care

Monitoring and maintenance for the life of the plant.

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