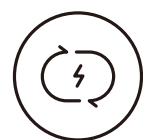**EZVIZ**

EZVIZ Green™

400W Solar Starter Kit

Green home power, now easy and efficient

Introduce EZVIZ's first plug-and-play solar generator solution that can power your whole home right from your sun-embracing backyard. It is designed to cut down your energy bill without bringing about much installation hassle, so you can DIY your solar system. Homeowners can remotely check how the kit is reliably powering their smart home with free, green solar power, right from the EZVIZ App.

400W AC Output
(Supports upgrading to 800W[1])

DIY Installation

Data Monitoring
via the EZVIZ App

IP67 Waterproof
Design

Built to save big and go sustainable

By converting free sunlight into usable electricity, the Solar Starter Kit can generate up to 584kWh of electricity per year[2] on your sunny balcony, which is plenty of power for not only your daily rechargeable devices, but also large everyday appliances.

Every Year Produces Up to

584kWh Electricity

Saves Up to

582kg CO_2

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4 Hours of Peak Sunlight Per Day
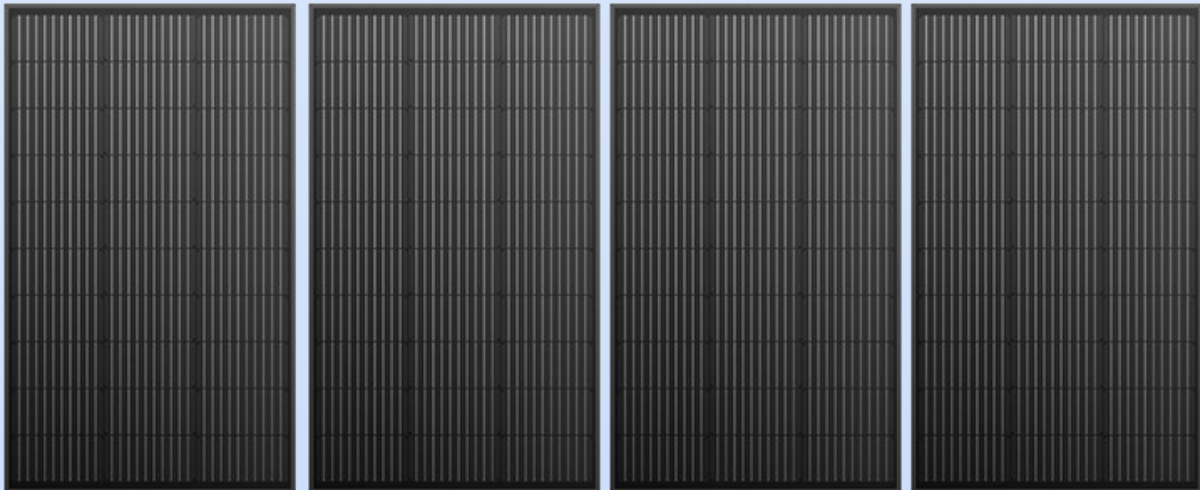
Yearly Electricity for Various Devices & Appliances

=

Fan
100 kWh

+

Wi-Fi Router
100 kWh

+

TV
200 kWh

3 × Smartphone
30 kWh

+

PC Monitor
50 kWh

+

Washing Machine
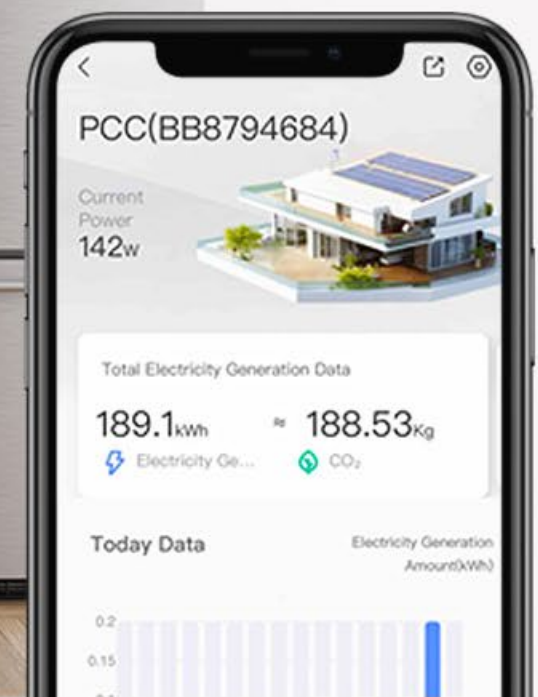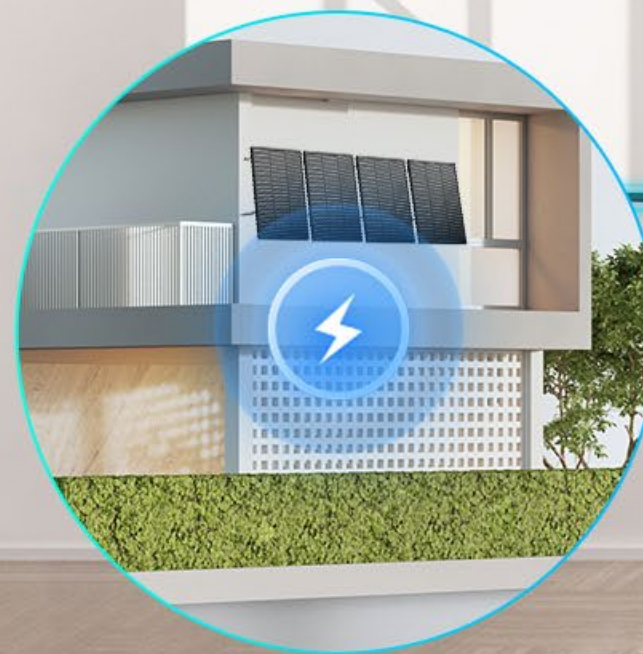100 kWh

√ 800W Microinverter

+

=
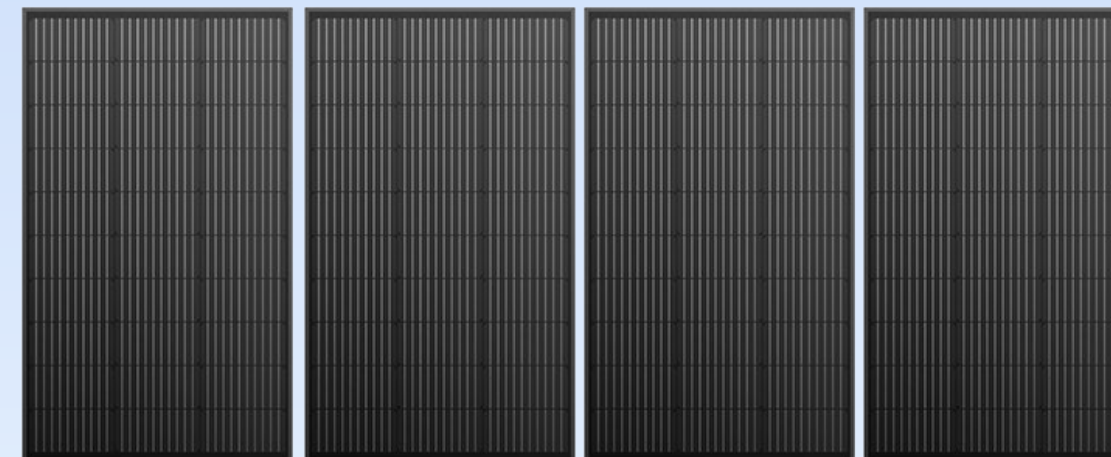
800W Output

Even better, you can choose to add an extra 4×100W Solar Panel Kit to the existing one, so as to increase the system's overall output to 1,168 kWh per year.

See how much solar energy flows into your home

History electricity statistics are clearly displayed in the EZVIZ App. Users know exactly how efficiently the kit has transformed solar power at a simple glance.

PCC(BB8794684)

Current Power 142w

Total Electricity Generation Data

189.1kWh ≈ 188.53Kg

Electricity Ge... CO₂

Today Data

Electricity Generation Amount(kWh)

Durable power plant, plug-it style

Unlike traditional and complicated solar power solution, the innovated EZVIZ Solar Starter Kit boosts easy installation to an extent that homeowners can complete the entire setup process on their own.

1 Install the solar panels to somewhere sunlit
2 Connect the microinverter to the solar panels and plug it to an electric outlet
3 Plug the energy data logger and set up on the EZVIZ App

Read User Manual for Installation Guide

Wall

**Flat Surface**

Balcony[4]

Adjustable Angle

15°-35°

Easy to make the most of the sun

The kit is designed to fit most homes easily. Users can adjust the mounting angle of the solar panels to get more sunlight exposure.[3]

Hassle-free power, worry-free use

Backed by an IP67-rated design, the micro-inverter and solar panels can be simply set up outdoors and forgotten about – homeowners don't need to cover them up or fetch them indoors in even bad weather. In addition, the devices come with a 10-year warranty, so you can trust them for several years.
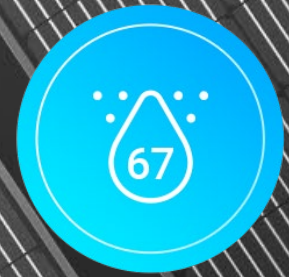
A greener home for a greener earth

The Solar Starter Kit is part of the EZVIZ Green Initiative, which the company has developed to help everyone build their dream smart homes with more sustainable technologies, and engage users in green awareness projects. With the revenues from green products like the solar kit, EZVIZ is giving back to the planet by planting trees and supporting local farmers through its EZVIZ Global Forest Plan.

Learn about EZVIZ Green

EZVIZ Green™

EZVIZ Global Forest Plan

1 Users can choose to add an extra 4x100W solar panel kit (needs to be purchased separately) to the existing system to increase the overall output to 800W.

2 Data from EZVIZ Lab's test results under an average of 4 hours of peak sunlight per day. Actual conversion efficiency and power output may vary greatly depending on weather conditions, the orientation of the solar panels, and other environmental factors.

3 0.6 meters MC4 Y-shape cable and 5 meters AC cable are included in the package. 3 meters MC4 extension cable is supported for extra purchase.

4 The balcony hook kit is not included in the package and needs an extra purchase.

Micro Inverter Parameter

DC Input

Max PV input power	0-600W per MC4 port
MPPT tracking voltage	22-55 V
Startup voltage	24 V
Max DC input voltage	60 V
Max DC input current	17 A × 2
Input overvoltage protection	Class Ⅱ

AC Output

Rated AC output power	800 W
Max AC output power	800 W
Nominal output voltage	230 V / Adaptable to different country and region
Nominal output frequency	50 Hz / Adaptable to different country and region
Max continuous output	3.48 A
Max short-circuit current	8.2 A
THD	< 5%
Max efficiency	96.30%
Quiescent power	110mW
Output overvoltage protection	Class Ⅲ

General

DC interface	MC4
AC interface	Trunk cable
Communication protocol	PLC
Weather proof	IP 67
Work condition	-40ºC ~ 65ºC (-40ºF ~ 149ºF)
Dimensions	235 mm × 184 mm × 30.5 mm
Weight	3.0 kg

Smart collector

Input information	110V - 240V, AC 50-60Hz, Max 0.02A
Communication protocol	2.4G Wi-Fi & PLC
Dimension	55 mm × 55 mm × 32 mm

Solar Panel Parameter

Solar panel

Max power	100W ± 3% per panel
Solar panel type	Rigid solar panel
Rated voltage	17.2 V
Rated current	5.8 A
Open-circuit voltage	20.4 V
Short-circuit current	6.2 A
Weather –proof	IP 67
Connector	MC4
Installation	Wall mounting / floor mounting (mounting bracket included)
Work condition	-40 ºC ~ 85 ºC (-40 ºF ~ 185 ºF)
Dimension	980 mm × 586 mm × 30 mm
Weight	6.2kg ± 0.2kg
Warranty	10 years

Accessories - Cables

Cable type	Y-branch parallel connector × 2 1 positive to 2 negative (M/FF) and 1 negative to 2 positive (F/MM)
Length	30cm length for sub-branch, 30cm length for main-branch
Wire standard	4mm² (12AWG)

In the box

Solar Panel

- 100W Solar Panel × 4

- Pole Mounting Brackets × 8

- Panel Aluminum Angle × 16

- Wall Aluminum Angle × 16

- Mounting Screws M6*16 × 42

- Expansion Screws M6*60 × 17

- Y-Shaped Cable × 2

- Tent Stakes × 16

- Spanner

Micro Inverter

- Micro Inverter

- Cord Set 5M

- Inverter Mounting Bracket × 2

- Inverter Mounting Screw M6*30 × 7

- Water-Proof Cover Kit × 2

- Quick Start Guide

PCC

- PCC

- Quick Start Guide

Certifications

CE, RoHS, REACH, WEEE