

# Ezsolar Solar Kit

## EZSolar-800 Balcony



Suitable for  
**Balcony**



### Adjustable Angle

According to different installation environments and requirements, the angle of the bracket can be adjusted to obtain maximum power generation.

### All-In-One Design

The system integrates with solar panels, micro inverters, brackets and cables. Portable and foldable for various applications.

### Easy Installation

Plug & play connection, no requirement for professional installation, saving installation costs.

### Module Level Monitoring

Modular level monitoring allows you to harvest more power, ultra low start-up voltage allows you to capture more light under low light condition

### Quality Assurance

Micro inverter 10 years warranty, extendable to 25 years.  
Solar panels 12 years warranty, 25 years linear power warranty.  
Bracket 10 years warranty.

## Technical Data

Model	EzSolar-800 Balcony
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### Micro Inverter Parameter

Micro Inverter Model	BDM-800
Recommended PV Module Power Range	600W x 2
Max. DC Input Voltage	60V
Max. DC Input Current	17A x 2
Startup Voltage	22V
MPPT Voltage Range	22~55V
Rated Output Power	800W
Max. Output Current	3.26A
Nominal Voltage/Range	230V
Nominal Frequency	50Hz (Configurable)
Power Factor	1.0/0.8 Leading...0.8 Lagging
Peak Efficiency	97.30%
Night Power Consumption	110mW
Certificates & Safety Standard	U.S. California Rule 21 Certified, U1741, SAA, TUV, VDE-AR-N 4105, VDE 0126, G83/2, CEI 0-21, IEC61727, EN50438, Tor Erzeuger Typ A
Weight	2.9KG
Dimensions (W x H x D)	268 x 250 x 42mm

### Solar Panel Parameter

Module	TSM108-9-410M
Maximum Power - PMP	410W
Module Dimensions (L x W x H)	1722 x 1134 x 30mm
Weight	22KG

### Bracket Parameter

Applicable Solar Module Size	1724 x 1134 x 30mm
Tilt Angle	23°~35°
Bracket Material	Steel & AL6005-T5
Weight	22KG

### General Parameter

Package Size per 2 Solar Panels (L x W x H)	1737 x 1149x 75mm
Package Size per Accessories	
Protection Degree	IP67
Operating Temperature Range	-40°C to 85°C

### Ordering Information

EzSolar-800 Balcony	800W Micro Inverter, 410 Solar Panel x 2, Bracket x 2, 5m end cable
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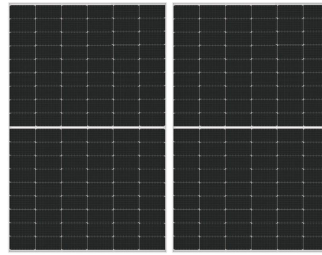
### Packing Information

EzSolar-800 Balcony	Solar Panel 36PCs/Pallet, 396 PCs/40'HQ, Accessories 198 sets
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# Packing List



Bracket



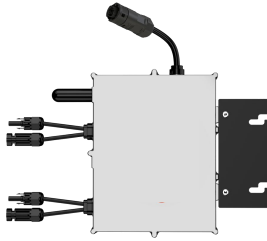
410W PV Module x 2



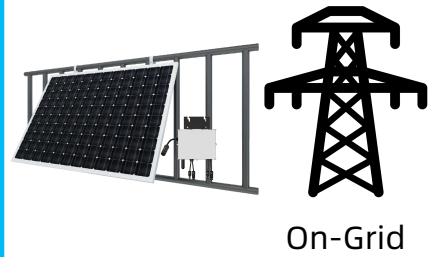
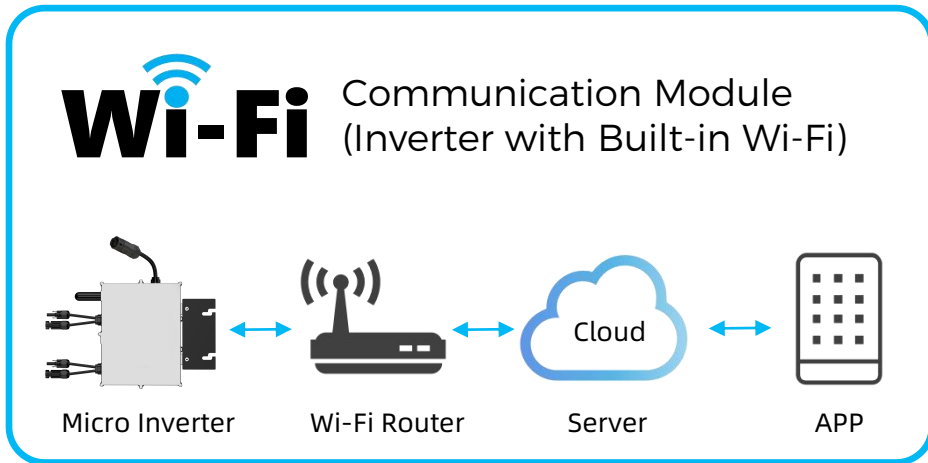
2m DC Cable



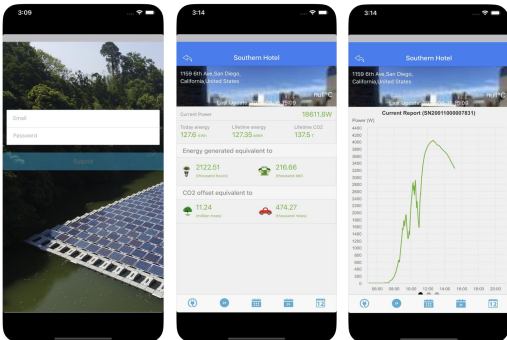
AC Cable (5 meters)



Micro Inverter 800W



On-Grid



## Monitoring Platform

NEPViewer provides real-time monitoring for BDM micro inverter systems from Northern Electric & Power Inc. (NEP)

- End user can easily check on system output and energy harvest
- Installer can check a list of systems installed and performance