



## EZ1-H Wi-Fi Version for DIY

- One microinverter connects to two modules
- Max output power reaching 960VA
- Two input channels with independent MPPT
- High Input current to adapter to large modules
- Maximum reliability, IP67
- Built in Wi-Fi and Bluetooth
- Safety protection relay integrated
- Dedicated for balcony and DIY systems

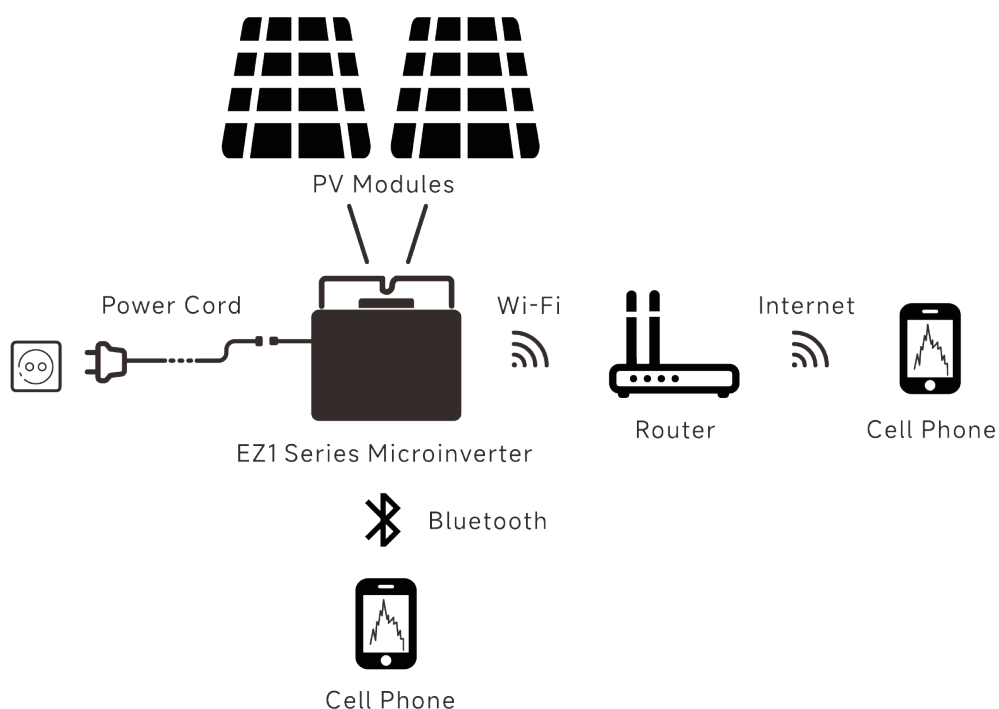
### PRODUCT FEATURES

The Wi-Fi version of EZ1-H is APsystems 3<sup>rd</sup> generation of dual microinverters, they are dedicated designed for balcony and DIY systems, EZ1-H micorinverter have 2 input channels with independent MPPT and high input current and output power to adapt to today's larger power module.

Users could directly connect to the EZ1-H with their cell phones through Bluetooth and get the real-time data of the solar systems. Besides direct connection, EZ1-H could also connect to a router through Wi-Fi and send data to cloud servers for remote monitoring.

Through an AC extension cable available from APsystems (optional), the EZ1-H could be plugged into a socket and start output energy, truly easy and convenient grid connection.

### EZ1-H Application Figure



## Datasheet | EZ1-H Microinverter

### Model

EZ1-H

### Region

Philippines

### Input Data (DC)

Recommended PV Module Power (STC) Range	410Wp-760Wp+
Peak Power Tracking Voltage	28V-45V
Operating Voltage Range	26V-60V
Maximum Input Voltage	60V
Maximum Input Current	20A x 2
Isc PV	25A x 2

### Output Data (AC)

Maximum Continuous Output Power	960VA
Nominal Output Voltage	230V
Nominal Output Current	4.2A
Nominal Output Frequency	60Hz
Default Power Factor	0.99

### Efficiency

Peak Efficiency	96%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	20mW

### Mechanical Data

Operating Ambient Temperature Range	- 40 °C to + 65 °C
Storage Temperature Range	- 40 °C to + 85 °C
Dimensions (W x H x D)	263mm x 218mm x 37mm
Weight	3kg
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2
Cooling	Natural Convection - No Fans
Enclosure Environmental Rating	IP67

### Power Cord (Optional)

Wire Size	2.5mm <sup>2</sup>
Cable Length	4M as default
Plug Type	Schuko <sup>(1)</sup>

### Features

Communication	Built-in Wi-Fi and Bluetooth
Isolation Design	High Frequency Transformers, Galvanically Isolated
Energy Management <sup>(2)</sup>	AP EasyPower APP
Warranty	12 Years Standard

### Compliances

Safety, EMC & Grid Compliances	EN 62109-1/-2; EN 61000-6-1/-2/-3/-4; EN 50549-1; DIN V VDE V 0126-1-1; VFR; UTE C15-712-1; CEI 0-21; UNE 217002; NTS; RD647; VDE-AR-N 4105
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(1) If the microinverter is connected to grid by plug, please comply with the local regulation about the power limit.

(2) The EasyPower App supports monitoring up to 4 units of product from the EZ1 series.

(3) APsystems' Microinverter Systems fully meet the rapid shutdown requirement without the need to install additional electrical equipment.

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