



EZ1D series Wi-Fi Version for DIY

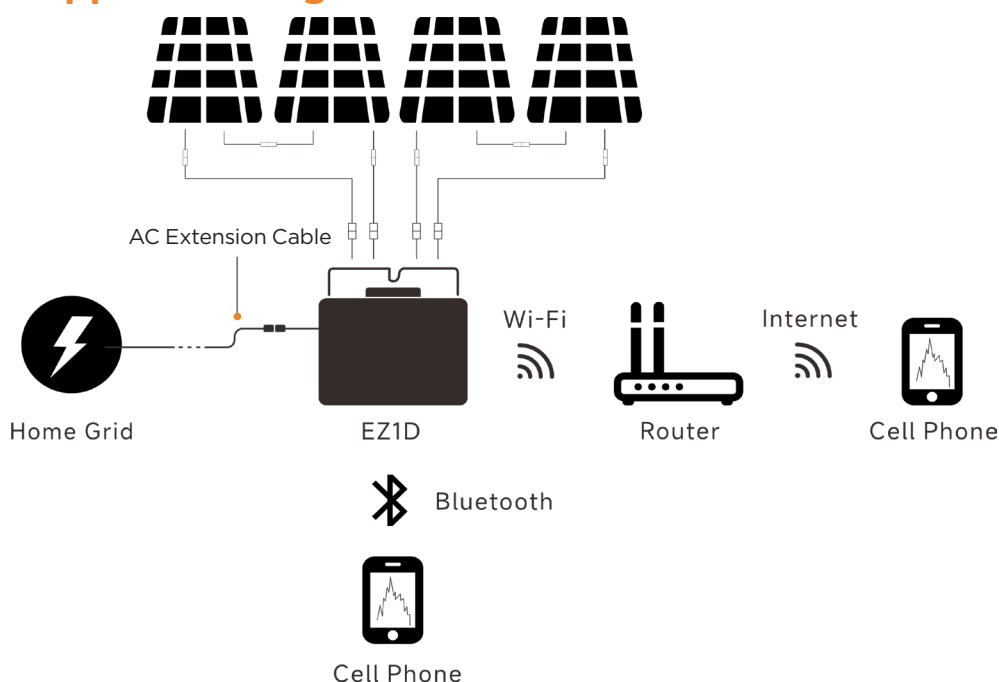
- One microinverter connects to four modules
- Max output power reaching 2000VA
- Two input channels with independent MPPT
- High Input current to adapter to large modules
- Maximum reliability, IP67
- Built in Wi-Fi and Bluetooth
- Safety protection relay integrated
- Dedicated for DIY applications


PRODUCT FEATURES

The Wi-Fi version of EZ1D series are APsystems 3rd generation of dual microinverters, they are dedicated for DIY applications, EZ1D series micorinverters 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 EZ1D with their cell phones through Bluetooth and get the real-time data of the solar systems. Besides direct connection, EZ1D could also connect to a router through Wi-Fi and send data to cloud servers for remote monitoring.

EZ1D series Application Figure



 *The EZ1D product is only suitable for the following DIY application scenarios, such as balcony, garden, garage, and carport. The EZ1D is not suitable for the rooftop system application scenario.

Datasheet | EZ1D Microinverter Series

Model

EZ1D-L

EZ1D

EZ1D-H

Region

EMEA

Input Data (DC)

Recommended PV Module Power (STC) Range	315Wp-610Wp+	315Wp-660Wp+	315Wp-660Wp+
Peak Power Tracking Voltage	56V-90V		
Operating Voltage Range	52V-118V		
Maximum Input Voltage	118V		
Maximum Input Current	20A x 2		
Isc PV	25A x 2		

Output Data (AC)

Maximum Continuous Output Power	1600VA	1800VA	2000VA
Nominal Output Voltage/Range	230V/184V-253V		
Nominal Output Current	7.0A	7.8A	8.7A
Nominal Output Frequency/ Range	50Hz/47.5Hz-51.5Hz		
Default Power Factor	0.99/0.9 leading...0.9 lagging		

Efficiency

Peak Efficiency	96.7%
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)	283mm x 233mm x 39.5mm
Weight	4.2kg
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2
AC Extension Cable	Customer Self-provided ⁽¹⁾
Cooling	Natural Convection - No Fans
Enclosure Environmental Rating	IP67

Features

Communication	Built-in Wi-Fi and Bluetooth
Isolation Design	High Frequency Transformers, Galvanically Isolated
Energy Management	AP EasyPower APP ⁽²⁾
Warranty ⁽³⁾	12 Years Standard

Compliances

Safety, EMC & Grid Compliances	EN/IEC 62109-1; EN/IEC 62109-2; EN 62920; EN 55011; EN IEC 61000-6-3; EN IEC61000-6-4; EN IEC 61000-6-1; EN IEC 61000-6-2; EN IEC 61000-3-2; EN 61000-3-3; VDE-AR-N 4105
--------------------------------	--

⁽¹⁾It is recommended that customers should use the 2.5 mm² AC extension cable or according to local regulations.

⁽²⁾The EasyPower App only supports monitoring of 2 units of product from the EZ1D series.

⁽³⁾Support and warranty is not available for rooftop installation systems.

⁽⁴⁾APsystems' Microinverter Systems fully meet the rapid shutdown requirement without the need to install additional electrical equipment.



© All Rights Reserved

Specifications subject to change without notice please ensure you are using the most recent update found at web : emea.APsystems.com

European offices

APsystems

Karspeldeef 8, 1101 CJ Amsterdam, The Netherlands

Email : info.emea@apsystems.com

APsystems

22 Avenue Lionel Terray, 69330 Jonage, France

Email : info.emea@apsystems.com