



EZ1D series Wi-Fi Version for DIY

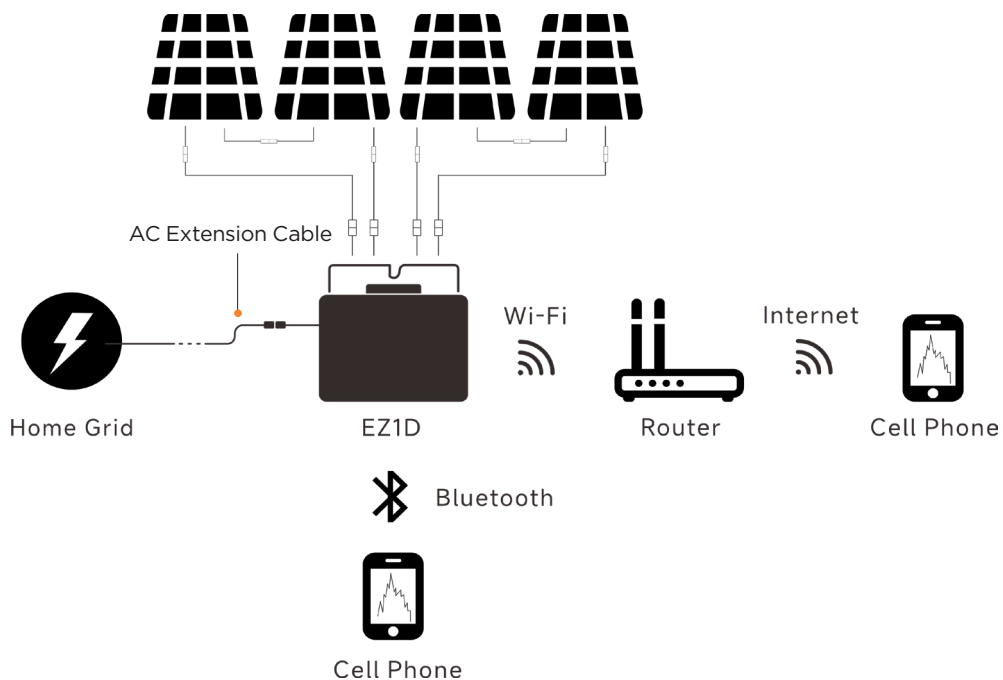
- One microinverter connects to four modules
- Max output power reaching 2000VA
- Two input channels with independent MPPT
- High Input current to adapter to large modules
- Maximum reliability, IP67
- Built in Wi-Fi and Bluetooth
- Safety protection relay integrated
- Dedicated for DIY applications

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



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	
Cooling		Natural Convection - No Fans	
Enclosure Environmental Rating		IP67	

Features

Communication		Built-in Wi-Fi (2.4GHz) and Bluetooth	
Maximum units connected		2*	
Isolation Design		High Frequency Transformers, Galvanically Isolated	
Energy Management		AP EasyPower APP**	
Warranty		12 Years Standard	

Compliances

Safety, EMC & Grid Compliances		EN 62109-1/-2; EN IEC 61000-6-1/-2/-3/-4; VDE-AR-N 4105	
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*For some countries it is limited to 1 because of the regulations.

**The EasyPower App only supports monitoring of 1 unit of product from the EZ1D series.

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