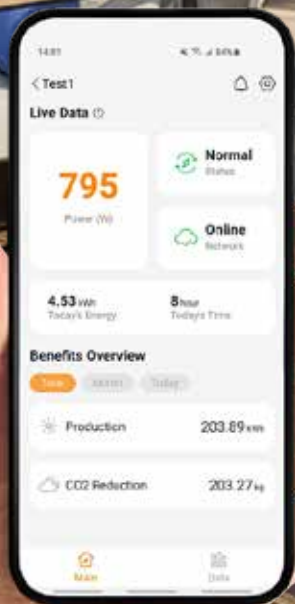


DIY SOLAR: safe, smart, & accessible to everyone. EZ1 PLUG-IN MICROINVERTER



Your Home.
Your Power.
It's that Simple.



POWERFUL INNOVATION FOR EZ SOLAR

Plug and play, safer and smarter solar accessible to everyone

The APsystems EZ1 microinverter solution is the ideal choice for plug-in solar systems such as balcony, terrace, and garden installations, which are becoming increasingly popular as a sustainable and affordable way to generate electricity at home. As APsystems' third generation of dual microinverters, the EZ1 is purpose-built for today's larger, more powerful solar panels, featuring two independent MPPT input channels, high input current capacity, and strong output power. By delivering reliable, efficient DC-to-AC conversion, the EZ1 enables homeowners and tenants alike to reduce their reliance on the grid while producing clean energy directly where they live.

With its true plug-and-play design, the EZ1 makes solar simple. Users can plug the system directly into a wall socket with the included AC cable and begin generating power immediately. Connectivity is built in: through Bluetooth, users can monitor real-time performance on their smartphones, while Wi-Fi integration allows seamless data transfer to the cloud for remote tracking and long-term insights. Easy to install, simple to use, and backed by APsystems' proven expertise, the EZ1 is the smarter way to power balcony and DIY solar systems.

Product features

FLEXIBLE

- ✓ One microinverter connects to two panels
- ✓ Integrated Wi-Fi and Bluetooth
- ✓ 500W; 800W or 960W

SMART

- ✓ Dedicated APP EasyPower, only 1 minute to connect the system
- ✓ Monitors each panel's power generation

COMPACT

- ✓ Small & lightweight
- ✓ Adapts to various installations

SAFE

- ✓ Single panel parallel input structure, DC voltage less than 60V
- ✓ Safety protection relay integrated
- ✓ Built-in VDE relays

RELIABLE

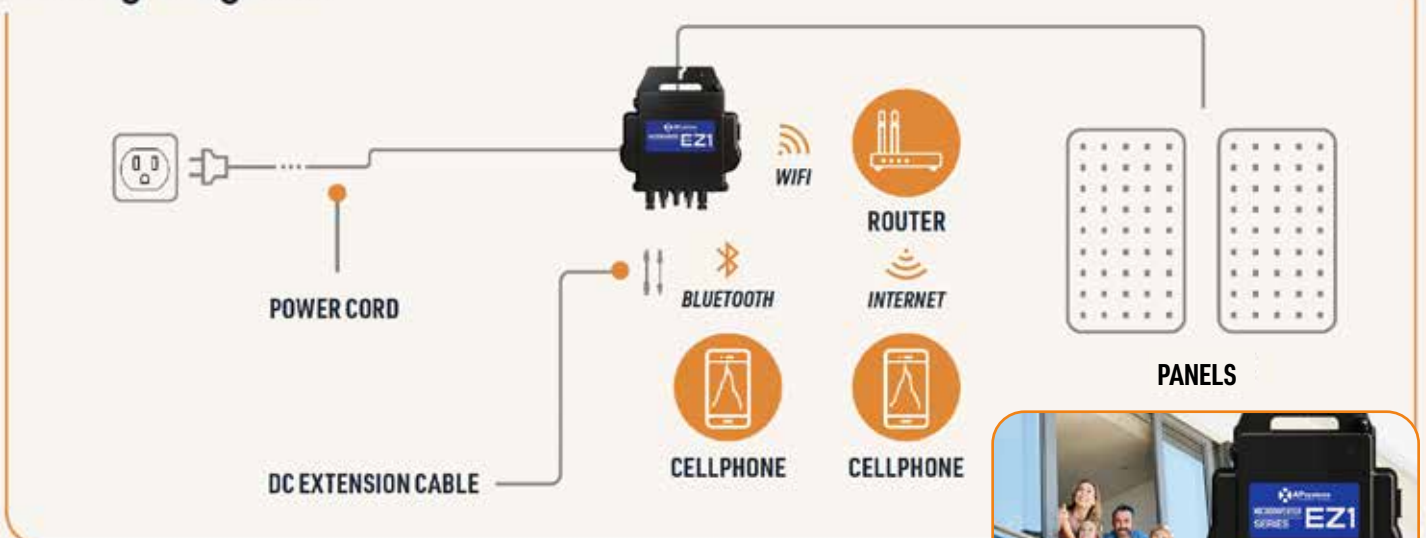
- ✓ Maximum reliability, IP67
- ✓ Up to 20 years warranty

POWERFUL

- ✓ Two input channels with independent MPPT
- ✓ High input current to adapt to large panels
- ✓ Industry-leading peak efficiency of 97.3%
- ✓ Max output power reaching 600/799 or 960VA



Wiring diagram



Accessory Included  PowerCord

*SOLAR PANELS NOT INCLUDED



Datasheet | EZ1-LV Microinverter

Model	EZ1-LV
Region	USA / Canada

Input Data (DC)

Recommended PV Module Power (STC) Range	315Wp-660Wp+
Peak Power Tracking Voltage	27V-45V
Operating Voltage Range	26V-60V
Maximum Input Voltage	60V
Maximum Input Current	18A x 2
Maximum Input Short Circuit Current	25A per input

Output Data (AC)

Maximum Continuous Output Power	900VA
Nominal Output Voltage/Range	120V/105.6V-132V
Nominal Output Current	7.5A
Nominal Output Frequency/ Range	60Hz/58.8Hz-61.2Hz (HECO:57Hz-63Hz)
Output Power Factor Rating	>0.99(-0.9-0.9 adjustable)

Efficiency

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

Mechanical Data

Operating Ambient Temperature Range	-40°F to +149°F(- 40 °C to + 65 °C)
Storage Temperature Range	-40°F to +185°F(- 40 °C to + 85 °C)
Dimensions (W x H x D)	11.1" x 9.2" x 1.6"(283mm x 233mm x 39.5mm)
Weight	9.3lbs(4.2kg)
DC Connector Type	Stäubli MC4 PV-ADBP4-S2&ADSP4-S2
Cooling	Natural Convection - No Fans
Enclosure Environmental Rating	Type 6

US Power Cord (Optional)

Wire Size	18AWG
Cable Length	5M as default
Plug Type	120V Standard plug

Features

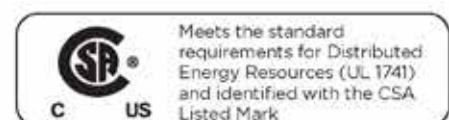
Communication	Built-in Wi-Fi and Bluetooth
Maximum units connected*	2
Isolation Design	High Frequency Transformers, Galvanically Isolated
Energy Management	AP EasyPower APP
Warranty	10 Years Standard

Compliances

Safety, EMC & Grid Compliances	UL1741; CSA C22.2 No.107.1-16; FCCPart15B; IEC60338; IEEE1547; UL1741SB; SRD-V2.0; NEC2014 & NEC2017 & NEC2020 & NEC2023 Section 690.11 DC Arc-Fault circuit Protection NEC2014 & NEC2017 & NEC2020 & NEC2023 Section 690.12 Rapid Shutdown of PV systems on Buildings
--------------------------------	--

*The EasyPower App supports monitoring up to 4 units of product from the EZ1-LV.
 **The EZ1-LV product is only suitable for the following DIY application scenarios, such as balcony, garden, garage, and carport. The EZ1-LV is not suitable for the rooftop system application scenario.

© All Rights Reserved
 Specifications subject to change without notice please ensure you are using the most recent update found at web : usa.APsystems.com



DRIVE A ZERO-CARBON FUTURE
AND MAKE SMART ENERGY
ACCESSIBLE TO EVERYONE



APSYSTEMS USA

8627 N Mopac Expy, Suite 150
Austin, TX 78759

Email: info.usa@APsystems.com

— USA.APSYSTEMS.COM/EZ1