



**APsystems
Microinverter**



**APsystems
ECU**



**APsystems
EMA**

Energy Communication Unit (ECU)

The APsystems ECU is the information gateway to our microinverters. It collects and transfers module-level data in real time, offering comprehensive monitoring while optimizing array performance and power.

Wireless features add convenience to installation, eliminating the need for a hard line ethernet cable and allowing installers to connect to the ECU using any wireless device to view production and adjust settings.

FEATURES

- Wireless connectivity to home or business router eliminates need for ethernet cable
- No additional wiring – simple plug-and-power setup at the customer’s home or business
- Local Wireless Access feature lets homeowners and installers connect directly to the ECU with any wireless device to view production and adjust settings

COMMUNICATION INTERFACE

Communication	Powerline (PLC) or ZigBee
Ethernet	10/100M
Wireless Security	WEP, WPA2-PSK
USB Interface	Standard
ECU ZigBee Frequency	2.4 GHz

POWER REQUIREMENTS

AC outlet	110-240 VAC, 50-60 Hz
Power consumption	2.5W

MECHANICAL DATA

Dimension (WxHxD)	7.1" x 4.4" x 1.6"
Weight	0.83lbs (380g)
Ambient temperature	Natural Convection
Enclosure environmental rating	Indoor-NEMA 1 (IP30)

FEATURES

Standard warranty term	3 years
Certifications	ANSI/UL 60950-1, CAN/CSA C22.2 No.60950-1,UL50E, FCC part 15,ICES-003

ARRAY APP

ArrayApp lets you scan microinverter serial numbers, map a PV array and complete the APsystems registration process in the field, all through your mobile device.

Available for both Apple iOS and Android devices. Simply search for "ArrayApp" in the App Store or Google Play.



Energy Monitoring & Analysis (EMA)

Our advanced Energy Monitoring & Analysis software offers comprehensive, round-the-clock monitoring of the APsystems microinverter array. Robust feature sets meet both homeowner and installer requirements.



FEATURES

- Convenient online tool allows installers to preconfigure the array before reaching the jobsite
- Receive regular status reports to ensure proper system performance
- Free Module-level monitoring - Homeowner account lets end user see module-level data, production and savings over time
- Installer account offers more robust feature set for system configuration, mapping and control

EMA APP

EMA App lets you track solar array performance in real time through any web-enabled mobile device. See system output by day, month, year and lifetime, while measuring environmental benefits as well.

All data is displayed through an easy-to-use graphical interface.

Both Apple iOS and Android versions are available for download in the iTunes App Store and Google Play.

