



## Energy Monitoring Unit (ECU)

ECU collects Performance data from each individual microinverter through powerline communication. The data includes DC input current/voltage, AC output power/voltage/frequency/internal temperature. After being processed and analyzed, the data will be sent to APS proprietary database through Internet. APS Monitoring Unit can support the local monitoring, remote monitoring via LAN/Wi-Fi/GPRS and local downloading function to meet different application demands of various customers.



ECU

## Data Monitoring and Analysis System

APS EMA can store and display the performance of any on-grid working APS microinverter. The end user can log-in this system through internet browsers to view the operation of system in detail. This system can contribute to the on-line worldwide product troubleshooting and increase the system reliability significantly.



EMA

## ECU-3

### Communication Interface

Powerline	APS Proprietary
Ethernet	10/100M
USB interface	Standard
RS232 serial port (GPRS modem)	Optional

### Power Requirements

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

### Mechanical Data

Dimension(W*H*D)	182 mm x 113 mm x 42 mm
Weight	380 g
Ambient temperature range	-40°C ~ +65°C
Cooling	Nature convection

### Enclosure environmental rating

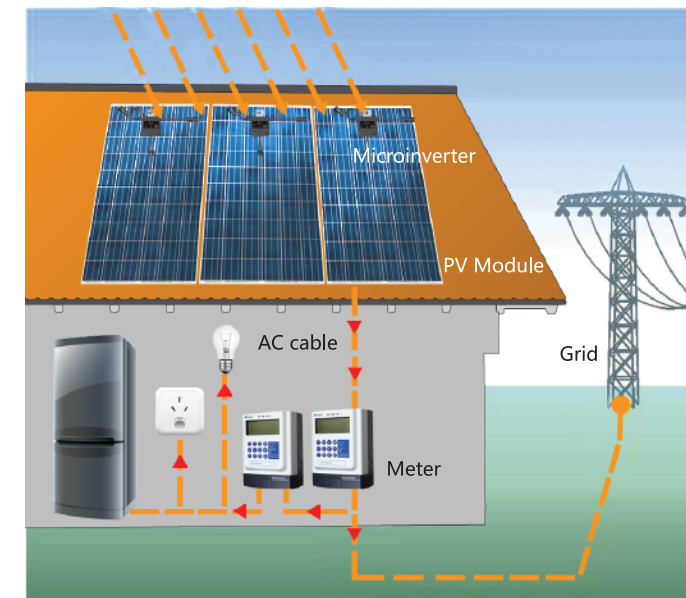
Enclosure environmental rating	Indoor-NEMA 1(IP30)
Features	
Standard warranty term	1 year
Standard	IEC 60950, GB/T17799

[www.APSmicroinverter.com](http://www.APSmicroinverter.com)

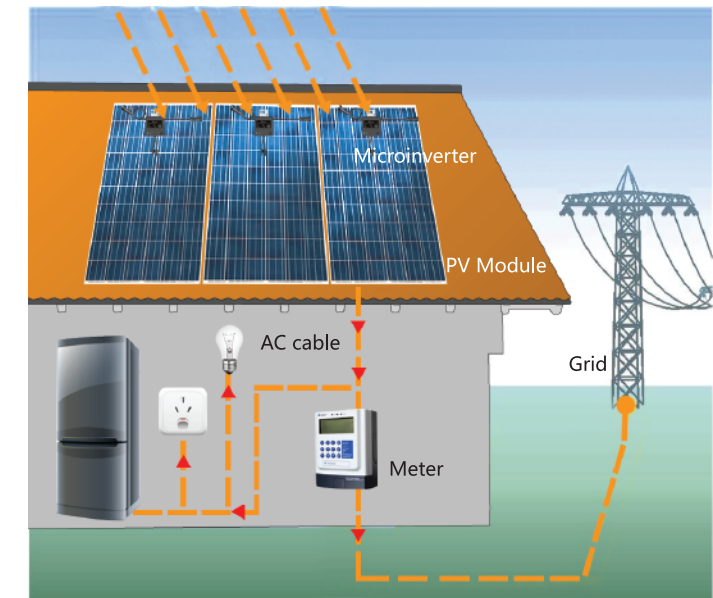
[info@altenergy-power.com](mailto:info@altenergy-power.com)



## DG Residential System Introduction

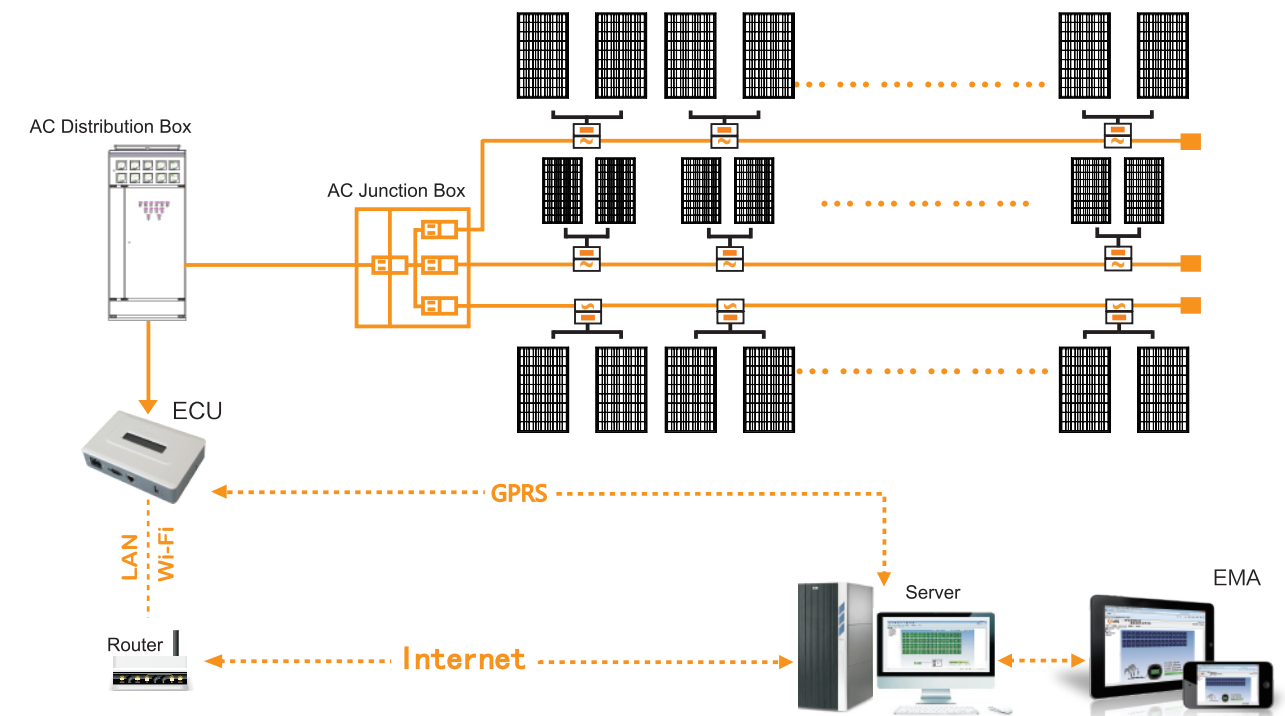


All the electricity produced by PV system will be sent to the grid.



The electricity produced by PV system will preferentially satisfy the self-consumption of the house and surplus power will be sent to the grid.

## Microinverter System



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