

# Energy Management Device

Ethernet



SOLARMAN energy management device is specially designed for distributed residential/industrial&commercial plants. With its brand new design, it features in high reliability, high accuracy and high efficiency.

Featuring in customization, it perfectly adapts to different kinds of distributed PV projects. Moreover, it furnishes plant developers, installers, O&M service providers with sophisticated tools to increase work efficiency and reduce management cost.

For residential plants, it supports the monitoring of inverter, energy storage battery and other devices.

For industrial&commercial plants, it is durable. And it supports inverter, combiner box, meter, weather station and other devices.

Standard Model: WiFi (4G optional)





Equipped with bluetooth, optimizing networking experience and simplifying local configuration



Support RF local networking, no communication wiring is required



Product Name	Energy Management Device	
Product Model	EMH-2 	EMB-2 
Usage Scenario	Distributed Residential Plant	Distributed Industrial&Commercial Plant
No. of Connections	10	32
Working Voltage	DC 12V	DC 12V
Consumption	3.5W	3.5W
Remote Communication	WiFi (2.4GHz)	WiFi (2.4GHz)
	Ethernet x2	Ethernet x1
	4G (Optional)	4G (Optional)
	NB (Reserved)	NB (Reserved)
	Slot SIM (IP20)	Slot SIM (IP65)
Local Communication	BT	BT
	RF (Optional)	RF (Optional)
	LoRa (Optional)	LoRa (Optional)
Configuration	APP/Remote	APP/Remote
Serial Communication	RS485 x2 (RS232 compatible)	RS485 x1
Data Acquisition Interval	5min	5min
Memory	512M NAND FLASH	512M NAND FLASH
Extended Function	Data Resuming	Data Resuming
	Real-time Control	Real-time Control
	-	Power-off Reminder
Dimension (mm)	160x108x28	167x136x71
Enclosure	PC	Aluminium Alloy
Installation Method	Flatwise/Wall-Hanging/DIN-Rail	Wall-Hanging
IP Grade	IP20	IP65
Working Temperature	-30℃~+70℃	-30℃~+70℃
Working Humidity	10%-90% (No Condensation)	10%-90% (No Condensation)