



- ◆ Built-in Zigbee, PLC and WIFI modular.
- ◆ Suitable for single-phase and three-phase applications.
- ◆ Enables remotely monitoring and management.



- ◆ Support quick shutdown remotely.
- ◆ Robust design, 3 years warranty.



- ◆ OLED display and buttons, easy operation.
- ◆ Compact design and light in weight.

The MEC communication gateway collects and delivers modular performance data in real time, for comprehensive monitor and manage of your solar system, optimizing the performance of your solar system. With built-in quick shutdown application, the MEC is able to control the microinverter connected shutdown immediately when the dry contact is activated.

Technical Data

Model	MECD
Communication interface	
Communication method	Zigbee, PLC
Max. number of inverters connected	5、 10、 20、 32 (Max.)
Communication to router	WIFI
WIFI wireless security	WEP, WPA2-PSK
RS485	Reserved
Max. distance (free space)	PLC 300m; Zigbee 100m (Max. straight-line distance)
Power Supply	
AC power supply	100 to 240V AC, 50/60Hz
Power consumption	5W typical, 10W Maximum
Mechanical Data	
Dimensions (L/H/W) in mm	133.6×132×35.5 mm
Weight (kg)	0.3
Operation temperature range	-20~+50°C
Mounting method	Wall-mounted
Display	OLED and LED indicators
Features	
Grid type	Single phase / three phase
Digital Input	Control device connection
Other	
Compliance	IEC60950, IEC61000-6-2, FCC Part15 Class B / Class C
Warranty	3 years

Typical Application

