

# MECD



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



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



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

The MECD communications 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 MECD is able to control the microinverter connected shutdown immediately when the dry contact is activated.

Model	MECD
<b>Communication interface</b>	
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)
<b>Power Supply</b>	
AC power supply	100 to 240V AC, 50/60Hz
Power consumption	5W typical, 10W Maximum
<b>Mechanical Data</b>	
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
<b>Features</b>	
Grid type	Single phase / three phase
Digital Input	Control device connection
<b>Other</b>	
Compliance	IEC60950, IEC61000-6-2, FCC Part15 Class B / Class C
Warranty	3 years

### Typical Application

