

TSUN Smart Meter

PEEM-S100

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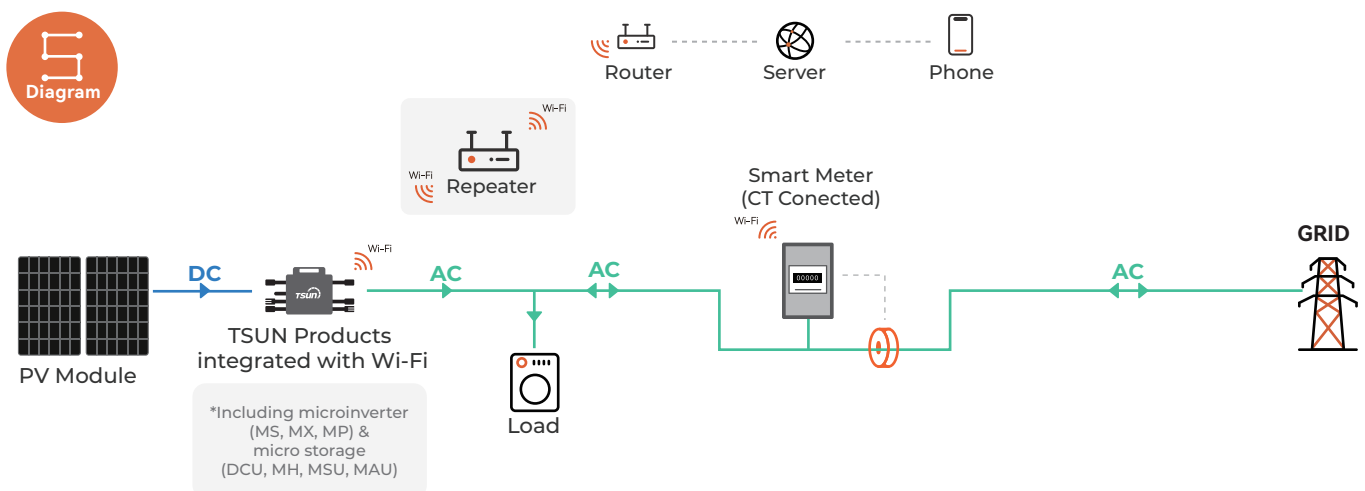


PEEM-S100 is a power control device for electric power system. It can collect the current grid output power status. At the same time, it is connected to the home network, communicates with TSUN Products integrated with Wi-Fi under the same network, and controls the output power of the entire system.

Applicable products:

*Including microinverter(MS, MX, MP) & micro storage(DCU, MH, MSU, MAU)

Diagram



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Technical Data

Model	PEEM-S100	
AC Input		
Grid Type	Single phase	
Input AC Voltage	230V	
Input AC Frequency	50 / 60 Hz	
Max. Current per phase	100A	
Power Consumption per phase	< 1W	
Communication		
WiFi Type	WIFI (802.11 b/g/n)	
WiFi Frequency Range	2400MHz-2483.5MHz	
Maximum Distance to Router(Open Space)	100m	
Bluetooth Type	BLE 5.0	
Bluetooth Frequency Range	2400MHz-2483.5MHz	
Maximum Distance to mobile phone(Open Space)	50m	
Control		
Connection Limit	1 device	
Communicate to Server	300 s	
Communicate to Microinverter	300 ms	
Accessory		
Eexternal Antenna	Yes	
Cable length of antenna	2m	
Eexternal CT	1	
Cable length of CT	2m	
CT Type	φ16mm	
Mechanical Data		
Dimension(mm)	36 * 90 * 90	
Weight (g)	130	
Ambient Temperature(°C)	-20~+55	
Mounting System	Rail mounted (35mm)	
Indicator Light	1 * LED	
Altitude(m)	< 2000	
Relative Humidity	0 – 95%, No condensation	

Dimension

