METER CONNECTION BOX





User-friendly

- Logging the electricity purchased from the grid, feed-in and selfconsumption
- Clear display of data for analysis in Sunny Portal

Simple

- Convenient installation with SMA communication products
- Easy integration into existing PV plant monitoring

Flexible

• Compatible with current energy meters with SO pulse output

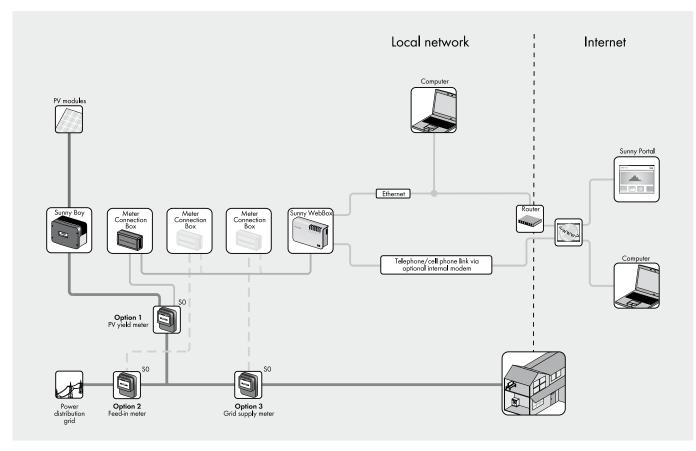
METER CONNECTION BOX

Analysis of energy consumption made easy

Smart and simple: The Meter Connection Box makes it easy to integrate energy meters into your PV plant monitoring system. It can be connected directly to the SO output of an energy meter to receive changes in the meter reading. In combination with the Sunny WebBox and Sunny Portal, your personal energy balance is clearly displayed and can easily be analyzed. Depending on the type of energy meter, the Meter Connection Box displays the power drawn from the grid, the energy generated by the PV plant, and the PV self-consumption. It is the ideal tool for sustainably optimizing your energy consumption.

Technical Data	Meter Connection Box
Communication	
Data logger	RS485 to Sunny WebBox
Energy meter	SO pulses
Terminals	
Sunny WebBox	4-pole spring-type terminal
Energy meter	2-pole spring-type terminal
Max. communication range	
To Sunny WebBox	1,200 m
To energy meter	3 m
Power Supply	
Power supply	Plug-in power supply
Input voltage	12 V 24 V DC +/-10%
Power consumption	1 W
Environmental Conditions in Operation	
Ambient temperature	−20 °C +65 °C
Relative humidity	5 % 95 %, non-condensing
Degree of protection	IP20
Altitude above mean sea level (AMSL)	0 m 2,000 m
General Data	
Dimensions (W / H / D) in mm	102 mm / 30 mm / 54 mm
Weight	80 g
Mounting location	Indoors
Mounting type	Top-hat rail/wall mounting bracket
Status display	LEDs
Language versions - manual	German, English, Spanish, Italian, French, Dutch, Czech, Greek, Portuguese
Features	
Operation	Via the Sunny WebBox interface
Warranty	5 years
Certificates and permits	www.SMA-Solar.com
Energy Meter Requirements	
S0 impulse output	DIN EN 62053-31

Please note that the meter seal has to be removed in order to connect the Meter Connection Box. This process must be approved by your electric utility company.



www.SMA-Solar.com