

PV Micro-Inverter



1. Make an Installation Map

Use the blank installation map in the package to record the location of micro-inverters according to the system design. Each cell of the map corresponds to one PV module.

CAUTION

The row of the table corresponds the shorter side of PV module and the column of the table corresponds the longer side of PV module. The direction on the upper left corner means the actual installation orientation.

CAUTION

If there are more than one installation site, please make the installation map separately and give a clearly description about the installation site.

Except the SN label on the micro-inverter, there is another SN label in the package. Stick the SN label to the corresponding cell of the installation map according to the actual installation. As SMI600 is connected to two PV modules, the SN label of SMI600 should be stuck in the middle of two corresponding cells of the installation map.

2. Install Micro-inverte

Mark the approximate center of PV module on the frame and install the micro-inverter with the LED side facing outside.

WARNING

Micro-inverter should be installed in a suitable position with good ventilation and no directly sunshine.

3. Connect AC Cable

Every two micro-inverter could be connected by AC cables.

CAUTION

According to the max current of the AC cables, there is a max installation quantity for the micro-inverter in each string.

Model	Quantities for each cable section
SMi300	14 pcs (20 optional)
SMi600	7 pcs (10 optional)

4. Connect AC End Cable

Separate the AC connector as shown below.

Connect the cable to the right port of the connector. The definition of the port is

Port 1 (Brown / Red): Live

Port 2 (Yellow-Green): Ground

Port 3 (Blue / Black): Neutral.

5. Connect PV Module

Connect the DC cables of the PV module to the DC connectors of micro-inverter.

6. Start the System

While installation is all finished, turn on the main utility-grid AC circuit breaker. Your system will start producing power after about a two-minute waiting time. The LED will flash green and red at startup. The definition of LED is shown as below.

LED	Indicates
Flashing	Working properly
Solid Red	Waiting for connecting to the Power grid.

Ordering information	
Model No.	S-MIC300 Micro Grid Tied Inverter
Part No.	608161
Warranty	1 year from Delivery date
Packing unit	1 pc(s).

Contact us

You can find the address of your local sales organisation on the home page



www.sefco.co.th



www.sefco23.com



LINE



Facebook



WeChat



WhatsApp

SEFCO - Tel. : +66 (0) 3811 9780-2

SEFCO - Fax. : +66 (0) 38 119 783