

SCG SOLAR ROOF SOLUTIONS

SCG Solar Roof Solutions

Delivery energy need for a better living
by professional experts



SOLAR PERMITTING
PROCESS



SCG ENGINEERING
DESIGN



25 YEARS WARRANTY



SOLAR FIX
INNOVATION



INSTALLED BY
SCG ROOF EXPERT



MOBILE
MONITORING



TIER 1
SOLAR PANEL

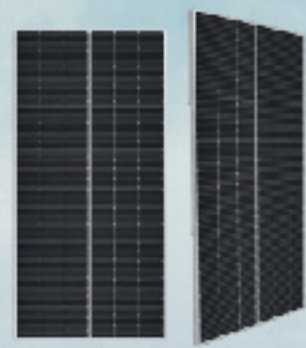


INVERTER APPROVED



SCG Solar Roof Solutions Comparison

	Smart Package	Premium Package
Panel	Mono High Efficiency Tier 1	Mono High Efficiency Tier 1
Warranty	 <div> <div>25 years</div> <div>12 years</div> </div>	 <div> <div>25 years</div> <div>25 years</div> </div>
Inverter	 <div>Huawei</div>	<div> <div>  <div>ABB</div> </div> <div>  <div>Huawei</div> </div> </div> <div> <div>10 years</div> <div>15 years</div> </div>
Warranty	10 years	15 years
Installation System	Solar Hook	Solar Fix
Warranty	 <div>1 year</div>	 <div>3 years</div>
After Sales Service		
System checking and panel cleaning	1 year	3 years



High Performance Crystalline

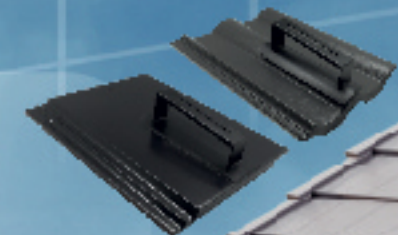
High-efficiency solar panels with technology from USA
Certified by international standard (Tier 1)*
More than 25 years of power generation

*Tier 1 is the most reliable solar panel manufacturer.

Solar FIX* Innovation




































"Solar FIX" is the solar roof installation innovation by SCG with special features:

- Easy installation without roof tile penetration
- Wind tolerance
- No leakage from installation



SCG SOLAR ROOF SOLUTIONS

Microinverter

	1.35 kW	3.15 kW	4.95 kW	5.40 kW	9.90 kW	11.70 kW	14.85 kW
Electrical System	1 phase	1 phase	1 phase	3 phase	3 phase	3 phase	3 phase
Solar Power Selling***	✓	✓	✓	✓	✓	x	x
Installation Area (Sq.m.)	6-9	14-20	22-30	24-34	44-62	52-73	66-93
Number of Solar Panel (Panel)	 x 3	 x 7	 x 11	 x 12	 x 22	 x 26	 x 33
Monthly Saving* (Baht)	600 800	1,400 1,900	2,200 3,000	2,500 3,300	4,500 5,900	5,400 7,000	6,800 8,900
Number of Appliances**	 1  1  1  1	 5  1  2  2	 10  2  3  3	 15  2  3  4	 15  2  3  8	 15  3  3  9	 20  3  3  12
Price (Baht)	119,000	247,000	324,000	348,000	605,000	650,000	770,000



Microinverter Enphase IQ 7A

The newest Microinverter innovation is more cost-effective and safer.

High Performance

Once the solar panels generate power, Microinverter will convert electric current from each panel separately. In case there is a shading or problem with a panel, there will not be any impact to the power generation of the other panels.

Safety

Microinverter converts electric current by panel individually. Therefore, it will be a low-pressure electric current or **Low Voltage**, which is safer. Also, with **Rapid Shutdown** system, it will break the circuit immediately when there is a malfunction.

Monitoring

Microinverter can monitor system performance and individual power generation.



SCG SOLAR ROOF SOLUTIONS

Premium Package

Electrical System

Solar Power Selling***




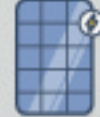
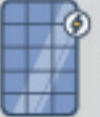




















Installation Area (Sq.m.)

Number of Solar Panel (Panel)

Monthly Saving* (Baht)

Number of Appliances**

Price (Baht)

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Number of Appliances**	 5  1  2  2	 10  2  3  3	 15  2  3  4	 15  2  3  8	 15  3  3  9	 20  3  3  12
Price (Baht)	235,000	309,000	324,000	556,000	608,000	719,000

ADD BATTERY

10 kWh
299,000
BAHT

15 kWh
416,000
BAHT

NEW SOLAR HYBRID SOLUTIONS*


Solar Hybrid Solutions store power to be utilized for both day and night in the house, to better respond to lifestyle.



 24/7 100% Clean Energy
Clean energy supplied round the clock

 Safety & Reliability
International safety standard

 Easy Installation & Maintenance
Install and maintain easily

 Emergency Power System
Can be an emergency power system for important home appliances

*To be used with Huawei Inverter only and power cannot be sold.



SCG SOLAR ROOF SOLUTIONS

Smart Package

Electrical System

Solar Power Selling***


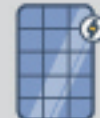


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Number of Appliances**	 5  1  2  2	 10  2  3  3	 15  2  3  4	 15  2  3  8	 15  3  3  9	 20  3  3  12
Price (Baht)	169,000	230,000	250,000	420,000	470,000	590,000

* Electricity generated and saving depend on actual site conditions (Orientation & Slope of the roof) and electricity usage of each individual.

** The total energy value is the preliminary estimation. There may be changes depending on system and other factors.

*** Prices for MEA's area of coverage. For PEA, there will be an additional expense of 150,000 Baht according to Electricity Authority's requirement for protection relay



SCG SOLAR ROOF SOLUTIONS

Application

Real time monitoring Solar Roof Solutions performance via smartphone application. It is designed for user-friendliness that can monitor power generation and cost saving daily, monthly, and annually.



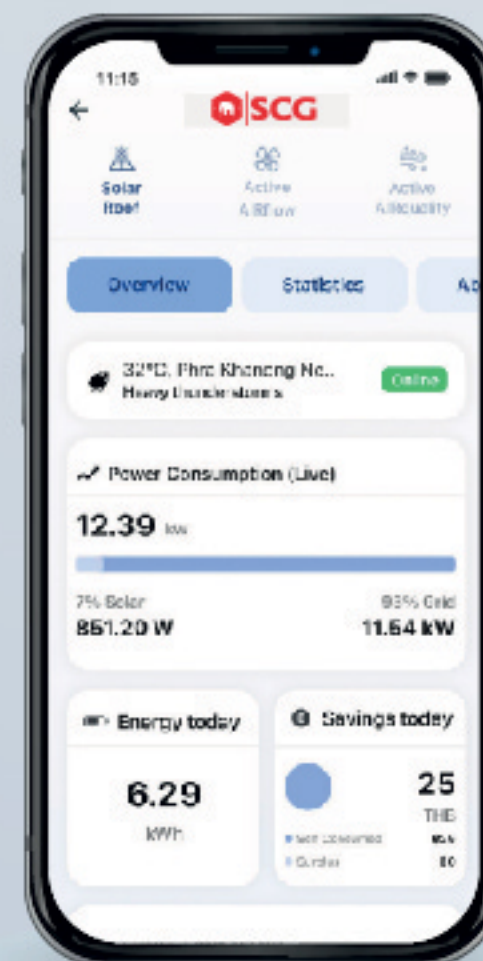
Real Time Monitoring
real time



Accuracy
Accurate and precise



Convenience
Accessible anywhere, anytime



Our Solutions



Roof Health Check

Roof health check before installation with solution to remedy every roof problem



Optimized Design

The Solar system is designed with the highest efficiency for electricity production



Professional Installation

Installed by the professional using Solar Fix innovation from SCG, the problem of leaking roof is void



Free Solar Permitting Process

Provide end to end application filling of installation permit from authority



Excellence After Sales Service

Provide system maintenance service with advice by SCG team

Part of SCG Solar Roof Solutions customers

Concrete Roof



Ceramic Roof



Metal Roof



Concrete Slab



SCG Solar Roof Solutions



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SCG Solar Roof Solutions can be purchased at
SCG Home store | SCG Home Boonthavorn | SCG Home Experience and leading construction material stores.
For more information, please contact SCG HOME.