



INVERTER SYSTEM
PRODUCT BROCHURE



USE ENERGY, STORE IT, **OR FEED IT INTO THE GRID,** IT IS NOW POSSIBLE WITH X-HYBRID.

Remove your independence from traditional power providers considering the intelligent SolaX Hybrid Series with charger.

As we know, Solar panels generate the most energy during the day when the sun is shining and when you and your family tend to use the least energy or have the lowest consumption levels.

With ongoing increases in energy prices and the continual decrease of the feed-in-tariff, you must make the most out of your solar energy. Our X-Hybrid 'Self-use Energy Storage System' is the perfect solution to solve this problem and to get the most out of your solar energy both today and into the future. Our Hybrid solution makes it possible to utilise solar power time-independently by storing unused capacity. It converts and directs solar power to where it is needed, when it is needed.



SK-TL3000 / SK-TL3700 / SK-TL5000

Hybrid Ready Inverter

SK-TL3000 / SK-TL3700 / SK-TL5000

Prepare for energy independence by using this premium quality hybrid ready grid connect inverter. This unit gives you the opportunity to monitor property loads over time and evaluate your energy usage patterns. It can then be simply upgraded later to an energy storage system by adding 1-4 solax battery manager units and your battery bank.



SK-SU3000 / SK-SU3700 / SK-SU5000 WITH CHARGER

Self-Use Hybrid Inverter

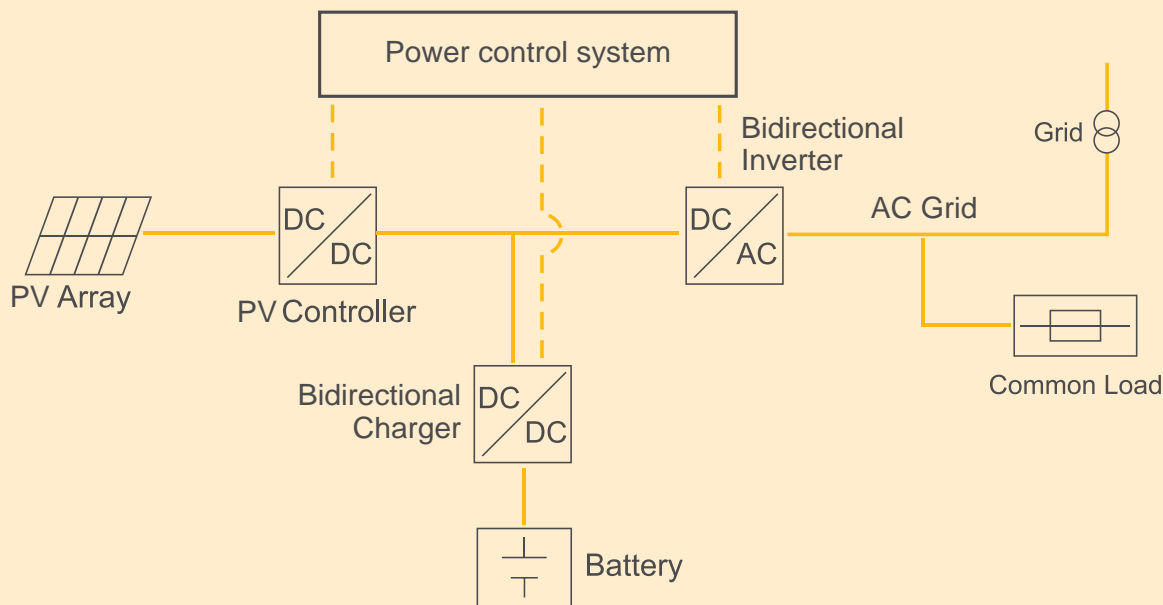
SK-SU3000 / SK-SU3700 / SK-SU5000

The SU series of hybrid inverter includes 1 built-in battery manager unit and solar MPPT. This unit is extremely flexible and can be simply upgraded to support multiple battery banks by adding additional battery manager units. This intelligent hybrid inverter provides a full solution for energy consumers to maximize the use of their generated solar energy to minimize their energy bills.

HYBRID WORKING THEORY

Sunbank Self-use Energy Storage System converts DC electricity generated by solar panels to AC electricity for grid and load to DC for the battery.

The electricity will be provided for load first, and the excessive electricity will be stored in the battery, after the battery is fully charged, the electricity will be fed into the grid.



X-HYBRID ADVANTAGES

COMPARED TO TRADITIONAL GRID-TIED SOLAR SYSTEM

- Save money on your power bills by increasing the proportion of self-use electricity generated by your solar system from 30% to more than 70%.
- Save money by becoming independent from ever increasing energy prices.
- Reduce stress on the grid by reducing your solar power feed.
- Manage property consumption and generation remotely via built-in CT & Wifi monitoring solution.

COMPARED TO OTHER BRANDS

Reliable

- European, American and Japanese made key components.

Efficient

- Highly effective solar power utilisation and long battery life by intelligent designed charging module.

User-friendly

- Intelligent man-machine interaction mode.



X-MONITORING SYSTEM

THEY CAN TALK!



COMMON FEATURES FOR ALL MONITORING SYSTEMS

- Remote monitoring via Suntellite Portal
- A variety of communication methods available, including Ethernet, WiFi, and 3G
- Quick installation and easy operation with "Plug & Play" function
- Storage of over 25 years
- Graphical display of PV system data on Suntellite Portal
- Operational failures can be detected rapidly and transmitted via email or SMS
- Report of collected data and performance can be sent via email regularly Free standard access to Suntellite Portal for the entire service life of the PV system

ZDNY-WE01-D

How it works

1. You install the X app onto your mobile devices.
2. Operating within a 50 meter radius, the X app will then search and connect to the X inverter.
3. Once connected you can then easily monitor the inverter data via our X app and your mobile device.

► General

ZDNY-WE01-D	
Max. number of inverters	1-64
Inverter communication	RS485/422/232
Remote communication	WIFI(802.11b/g/n)Ethernet
Max. communication range	<1km
Data collection intervals	5 minutes(Default)/1-15 minutes(Optional)
Memory	SD Card/EEPROM(Optional)

WE MAKE IT SIMPLE



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ZDNY-WE01

How it works

1. Our Inverters upload operational data to the Xcloud* via WIFI.
2. Xcloud collects and processes those data every 30 seconds.
3. You can then monitor the data by simply logging into a registered account via your PC, iPhone or Android device.



AT SOLAX
WE ARE CREATING THE INVERTERS
OF TOMORROW



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