

# Photovoltaic System



| Kit Size | DC Power | Inverter      | Module Type          | Mounting Kit   | Annual Generated Power* | Reduced Emissions of CO2* |
|----------|----------|---------------|----------------------|----------------|-------------------------|---------------------------|
| 1.5kW    | 1750     | Sunteams 1500 | 250w Monocrystalline | Solar Roof Pro | 2465kW·h/y              | 2151.9kg                  |
| 2kW      | 2000     | Sunteams 2000 | 250w Monocrystalline | Solar Roof Pro | 3250kW·h/y              | 2837.3kg                  |
| 3kW      | 3000     | Sunteams 3000 | 250w Monocrystalline | Solar Roof Pro | 4800kW·h/y              | 4190.4kg                  |
| 4kW      | 4000     | Sunteams 4000 | 250w Monocrystalline | Solar Roof Pro | 6500kW·h/y              | 5674.5kg                  |
| 5kW      | 5000     | Sunteams 5000 | 250w Monocrystalline | Solar Roof Pro | 8275kW·h/y              | 7224.1kg                  |

In partnership with other manufacturers of solar products, KLNE has developed and designed an exclusive photovoltaic kit, ready to use by installers.

High quality  
Reliable warranty  
Outstanding performance

\*These figures are for informational purposes. They will vary depending on the characteristics and the location of your installation.

# Get To Know The Kit

## The Solar Panel

Our basic offer includes the 250w monocrystalline modules that are particularly employed where long-term profitability, reliability and environmental issues are of great importance. With a module efficiency of 15.2% and a max power voltage of 31.85v, our module will definitely offer high performance for any of your projects.

### Key Features:

- ✓ Strong aluminium frames in order to improve the bearing capacity and withstand strong wind;
- ✓ Special mounting holes on the frames for long and short side mounting;
- ✓ High transparency low iron tempered glass with enhanced stiffness and impact resistance;
- ✓ Advanced EVA encapsulation system with multilayer backsheets.

The manufacturer provides 6 years warranty for materials and workmanship. In terms of performance, the manufacturer proposes: 5 years against a drop of 7%, 10 years against a drop of 10% and 25 years against a drop of 20%

## The Inverter

The Kinglong Sunteams series small grid-connected inverter works in the 1.5 kW - 5kW power range and is mainly applied in a home grid-connected PV power generation system.

KLNE high quality products of grid tied inverters ranging from 1.5kW to 5kW features:

- ✓ High efficiency levels up to 98%;
- ✓ High performance: UL1741 certified and CEC tested.
- ✓ A easy and quick installation design with IP65 for high resistance to extreme weather conditions;
- ✓ LED display and communication ports for efficient monitoring;
- ✓ Local offices for after-sales service and technical support;

KLNE inverters come with a 10 year warranty.

## The Mounting Kit

The mounting kit selected in this system is a roof-mounting solution suitable for most types of pitched and flat roofs. It is suitable for tile roofs, metal roofs, concrete roofs and even slate roofs. Using an innovative Rail, Z-modules and standard roof hooks, this kit has become one of the most versatile rooftop solutions in the world, delivering a safe and cost-effective solution to installers.

The manufacturer provides a 10 year product warranty.

## Customize Your Kit

Given the fact that every customer has different needs, KLNE offers module and accessory customization options to its clients. You can choose from a wide selection of PV modules and accessories, including mono and polycrystalline modules ranging from 135w-300w. Additionally, our modules are available in black with black frames.



Antoine Bolly

+1(352) 587-5563

+86 18618399601

[antoine.bolly@kinglongpower.com](mailto:antoine.bolly@kinglongpower.com)

**CONTACT US NOW**