



# Nocart Grid Feed Solar

## Specifications

### Solar Panels

- Polycrystalline solar panel
- Panel dimensions: 1600 × 1000 mm
- Weight: 18.2 kg
- PID resistant
- Salt mist certificate
- CE-certified
- 80 % production warranty for 20 years

### Mounting structure

- Lightweight aluminum structure
- Highly corrosion resistant
- Multiple options for different terrains
- Installation structure is selected according to local conditions

### Inverter technology for grid feed

- Modular 25–50 kW inverter system (200 to 400 pcs)
- IP 65 or IP 67 for outdoor installation
- 400 V 50 Hz three phase feeding
- Optional transformer for higher voltage transmission lines
- Smart monitoring system which monitors individual strings
- CE-certified

### Requirements

- Requires 7000 m<sup>2</sup> land area / MW
- Road to the installation site
- Grid connection to the site
- Safety features for site e.g. fences and surveillance

## How does the Nocart Grid Feed Solar work?

### Parts

The Nocart Grid Feed Solar is composed of solar modules and a remote monitoring system.

1. Solar modules collect energy from sunlight and convert it to electricity.
2. The Nocart inverter transfers the power from the solar modules for the grid.

