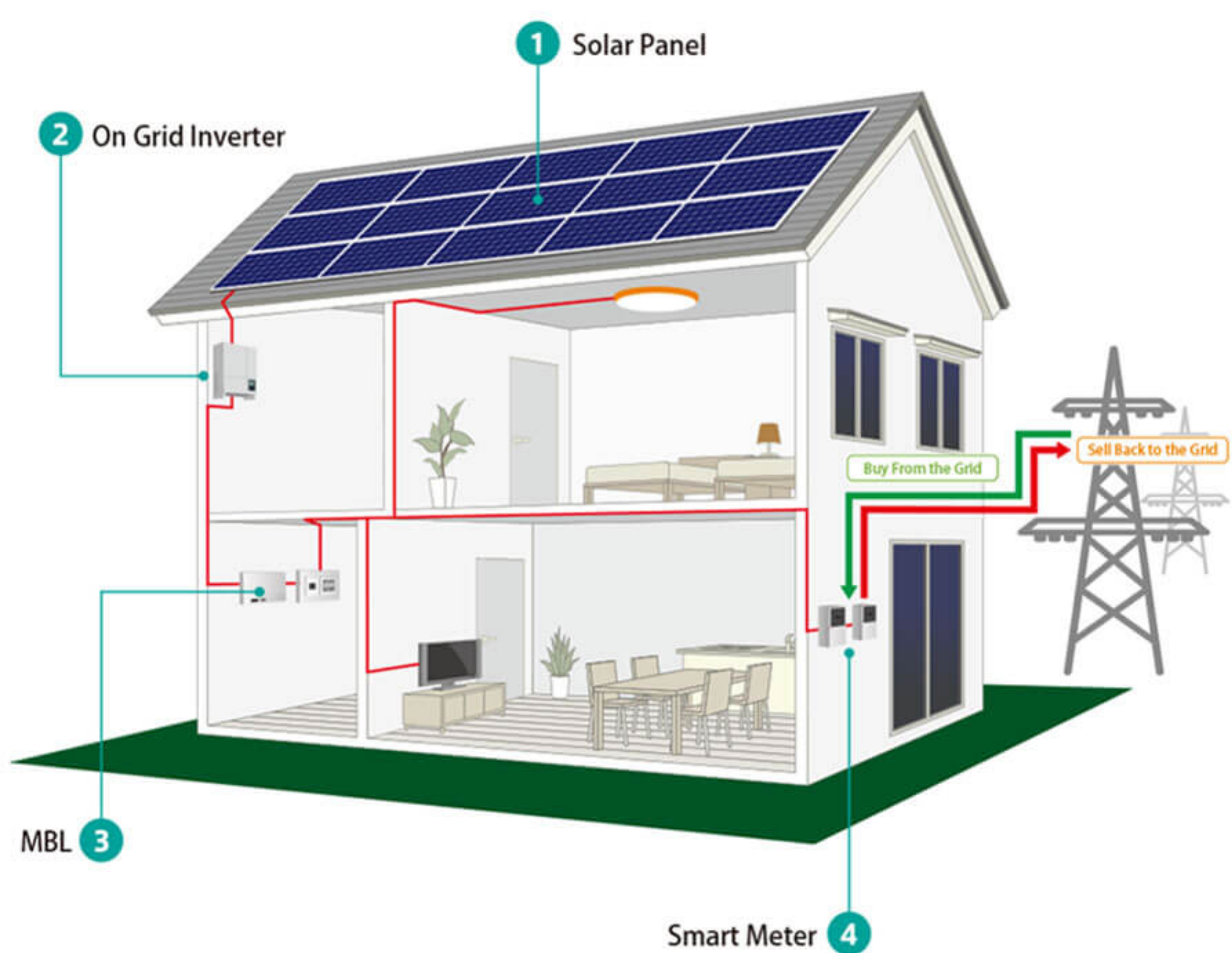




## Principle of on-grid solar power generation

Full set of solar energy generator system consists of solar panels, one or several on grid inverters, Wifi Monitor Device, Mounting Brackets and grid connection equipments.

Users can feed excess power to the grid where it is consumed by other users. The feedback is done through a meter to monitor power transferred to AC loads single phase(110/120V;220/230/240Vac) or three phase(240V;380V;480Vac).



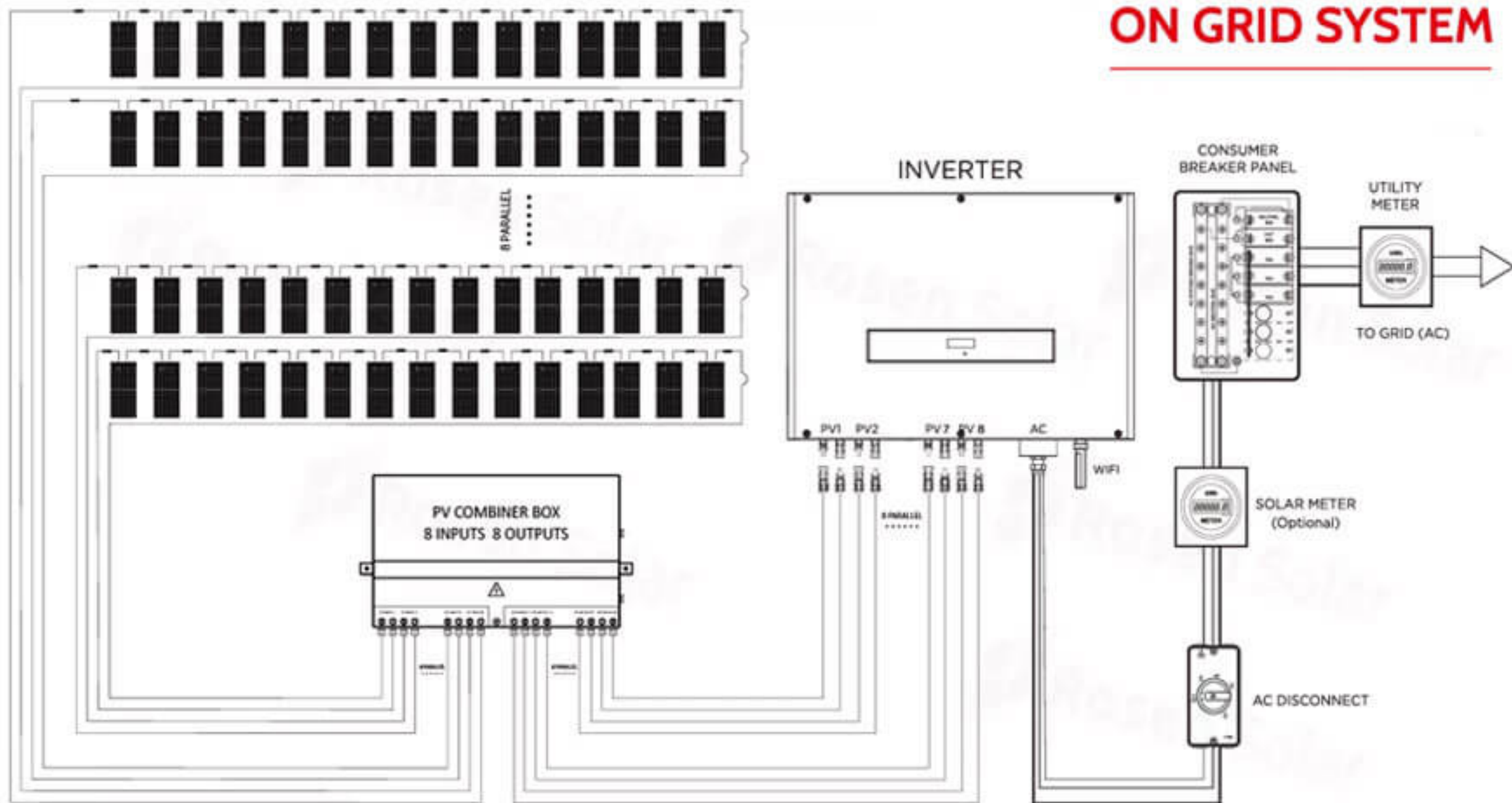
# Product Overviews



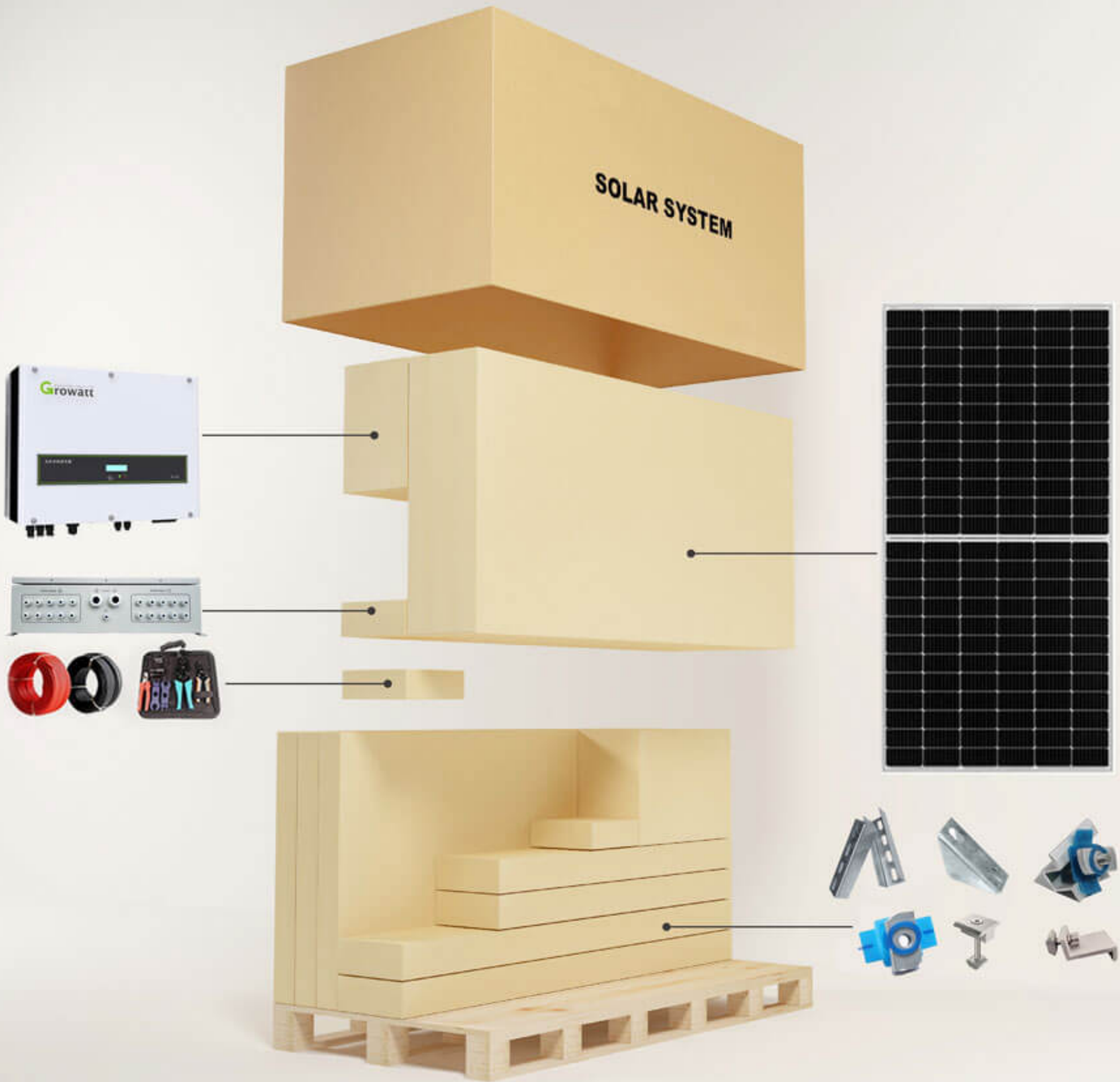
## 50KW On Grid Solar Energy Systems

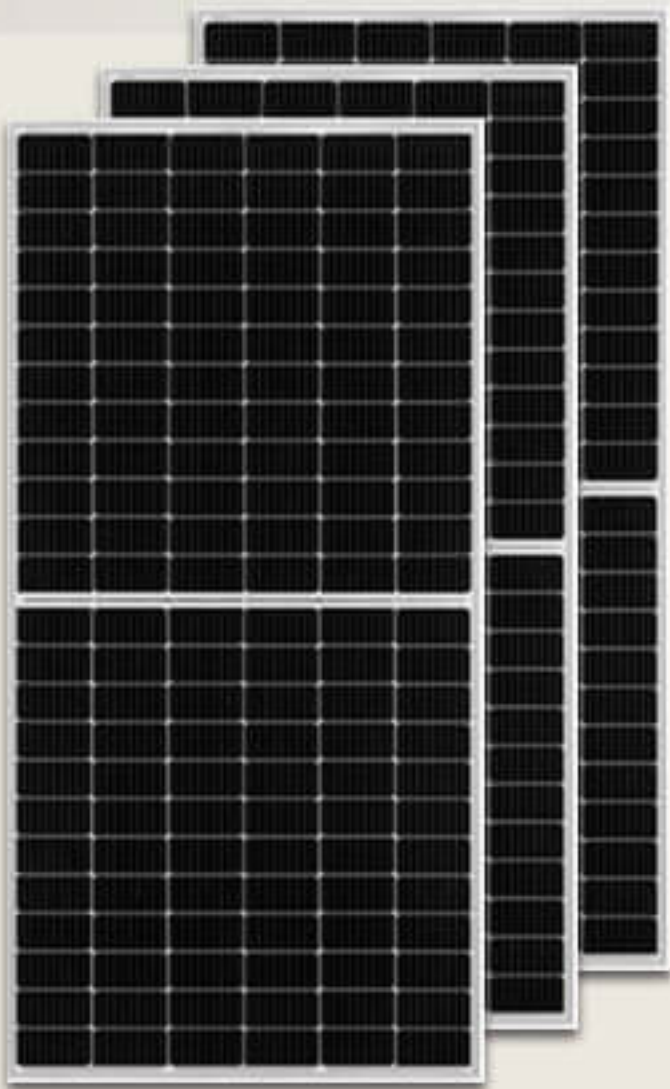
| Item | Model             | Description                                                                                    | Quantity |
|------|-------------------|------------------------------------------------------------------------------------------------|----------|
| 1    | Mono Solar panel  | 445W                                                                                           | 112pcs   |
| 2    | On-Grid inverter  | 50KW                                                                                           | 1set     |
| 3    | PV Combiner Box   | 50KW                                                                                           | 1set     |
| 4    | Mounting brackets | Roof type mounting rack<br>including complete fittings<br>(Rack can be customized per request) | 1set     |
| 5    | PV Cable 4MM2     | PFV1*4mm2                                                                                      | 1set     |
| 6    | PV Connector      | MC-4                                                                                           | 1set     |

# ON GRID SYSTEM



# Product Details





Mono 445W

## Solar panel

- > 25 years Warranty
- > Highest conversion efficiency of 22%
- > Anti-reflective and anti-soiling surface power
- > loss from dirt and dust
- > Excellent mechanical load resistance
- > PID Resistant, High salt and ammonia resistance

## On-Grid Inverter

- > DC1500V high power string Inverter
- > Utility PV Inverter
- > Commercial High Power Inverter
- > Commercial Medium Power Inverter
- > Residential PV Inverter





## Mounting Brackets

- > Pitched roof mounting structure
- > Flat roof mounting structure
- > Ground mounting structure
- > Ballast type mounting structure
- > Car parking lot mounting structure
- > Lifetime: 25 Years

## Accessories

- > PV cable 4mm<sup>2</sup>/6mm<sup>2</sup>/10mm<sup>2</sup>,etc
- > AC cable
- > MC4 connector
- > AC/DC Combiner box
- > PV Tools

