



**RELIABLE | PROFESSIONAL | VALUABLE**

## **MGO-10KTL**

### **10KW Off Grid Solar System**

**10KW | 38kWh**

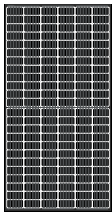
- High quality, All components Tier 1 brands
- Stable and Safety system performance
- High battery capacity for household loads
- Independent from Utility grid and rising energy bill
- Installed anywhere as long as there is sun
- Optional WIFI remote monitoring
- System Capacity scalable

## Main Components List

Item	Component	SPEC	Quantity
1	PV module	405W	24pcs
2	Off Grid Inverter	5KW	2pcs
3	Gel Battery	12V 200AH	12pcs
4	Mounting Bracket	Custimized	1set
5	DC Combiner Box	PV / Inverter	2pcs
6	DC Combiner Box	Battery / Inverter	1pc
7	AC Distribution Box	Inverter / Load	1pc
8	AC Distribution Box	Inverter / Grid	1pc

## Detailed introduction

### PV module



Tier 1 brand all black (optional)

- Rated Maximum Power (Pmax) 405W
- Open Circuit Voltage (Voc) 37.23V
- Maximum Power Voltage (Vmp) 31.21V
- Short Circuit Current (Isc) 13.87A
- Maximum Power Current (Imp) 12.98A

### Off Grid Inverter



Growatt SPF5000TL HVM-P,  
2pcs parallel

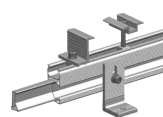
- Maximum PV Array Power 4500W \* 2
- MPPT voltage range 60-115V
- Max.input current per MPP tracker 145V
- Battery voltage range 48V
- Battery Type Lithium / Lead-acid

### Gel Lead-Acid Battery



- Battery Capacity 12V 200AH
- Absorptive Glass Mat Technology (AGM System)
- Reliably sealed
- Battery capacity scalable

### Mounting Bracket



- Aluminium alloy
- Customized for various rooftop and ground
- Strong and durable

### DC Combiner Box



- Professional Fuse and lightning protection device
- 4-Way PV array input
- 2-Way Battery input

### AC Distribution Box



- Professional AC protection devices
- Easy installation and maintenance

**Declaration:**

With the technical progress and product updates, there exists a deviation between the technical parameter of Moregosolar's future products and the technical parameter in this specification, Moregosolar reserves the right to adjust the technical parameter at any time without notifying the customers, Moregosolar reserves the final right of interpretation.