



RELIABLE | PROFESSIONAL | VALUABLE

MGO-5KTL

5000W Off Grid Solar System

5KW | 19kWh

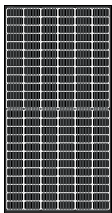
- High quality, All components Tier 1 brands
- Stable and Safety system performance
- High battery capacity for household loads
- Independent from Utility grid and rising energy bill
- Installed anywhere as long as there is sun
- Optional WIFI remote monitoring
- System Capacity scalable

Main Components List

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

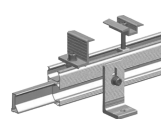
- Maximum PV Array Power 4500W
- MPPT voltage range 60-115V
- Max.input current per MPP tracker 145V
- Battery voltage range 48V
- Battery Type Lithium / Lead-acid

Gel Lead-Acid Battery



- Battery Capacity 12V200AH
- 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
- 1-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.