



**RELIABLE  
PROFESSIONAL VALUABLE**

## **MCS-30K**

### **30KW Hybrid Solar System**

**30KW | 156kWh/28.4kWH**

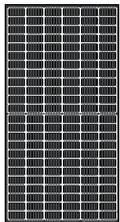
- High quality, All components Tier 1 brands
- Stable and Safety system performance
- 3pcs 10KW Three phases Hybrid Inverter parallel, multiple work modes configurable
- Improve self consumption, back up and also pinch the valley
- Uninterrupted power supply for UPS Load
- Battery capacity scalable

## Main Components List

Item	Component	SPEC	Quantity
1	PV module	405W	96pcs
2	Hybrid Inverter	10KW	3pcs
3	Lithium Battery	14.2KWH	2packs
4	Mounting Bracket	Customized	1set
5	AC distribution Box Inverter-Grid	3 input /1 output	1pc
6	AC distribution Box Inverter-UPS load	3 input /1 output	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

### Hybrid Inverter

Growatt SPH10000TL3 BH-UP, 3pcs Parallel



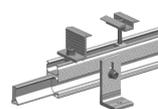
- Max. recommended PV power 15000W \* 3
- MPPT voltage range 120-1000V/600V
- Max. input current per MPP tracker 13.5A
- AC nominal power 10000W \* 3
- Nominal AC voltage (range) 230V/400V
- Battery voltage range 100~550V
- Max. AC output for backup power 10000W \* 3
- Auto Transfer Switch insert

### Lithium Battery



- Nominal Battery Energy 14.2kWh/pack
  - Battery Capacity 37AH
  - Discharging/charging voltage 384V
- Battery capacity scalable

### Mounting Bracket



- Aluminium alloy
- Customized for various rooftop and ground

### AC Distribution Box



- Professional AC breaker 3in 1out
  - Professional Surge Protective Device
- 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.