

# Solar Power System

600W/1200W/2200W/3500W/5000W

Solar power system is an off-grid solar generator designed to provide stable and reliable power to homes and communities or areas without or even electricity without access to grid power. The solar system is characterized by convenient movement, easy installation, and reliable performance, which is very suitable for situations requiring emergency power.

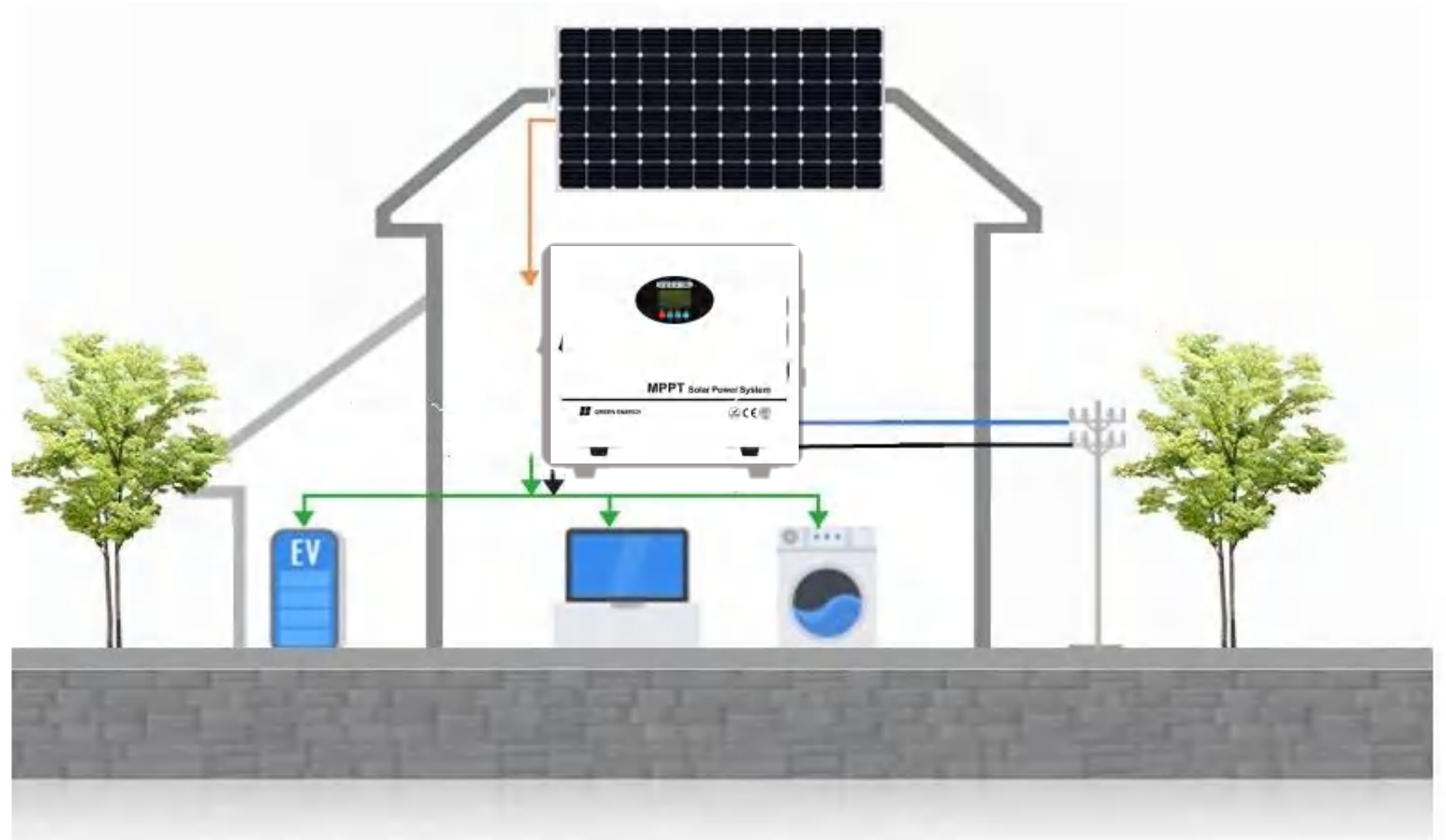
It is the ideal, reliable energy source for many applications such as lighting, radios, fans, TVs, computers, refrigerators. The USB port is compatible with all 5V-USB charging devices. It can also be used as a backup power source in emergency situations.



## PRODUCT FEATURES

- Dual CPU intelligent control technology, excellent performance.
- Pure sine wave AC output, suitable for a wide range of loads.
- Power supply mode/energy-saving mode/battery mode can be flexibly set.
- Convenient and practical 5VDC-USB output port and 12VDC output port.
- Digital LCD and LED for visualizing the operating status of the device.
- Overcharge protection and over discharge protection to extend battery life.
- Safe and reliable, intelligent exhaust fan control.
- Overall automatic protection and alarm, including AC output overload protection, short circuit protection, etc.

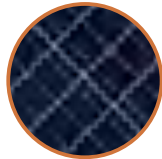
## HOME SIMULATION CONNECTION DIAGRAM



## PRODUCT DESCRIPTION

### Fast charging efficiency

High quality solar panels, fast full charge, sunlight charging conversion efficiency up to 20%.



### Multiple Charging Ports

The solar system is equipped with multiple charging ports: AC, USB, and car charger ports, providing AC and DC output in two different voltage modes, which can supply power to multiple devices at the same time to meet your various needs.

### Large Capacity Is More Durable

Upgraded high-capacity, 365 days of range with recharge and discharge protection.

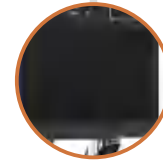


### LED display

Night view display, so that the operation is clearer, avoid operation errors can be dealt with in time.

### Easy to move

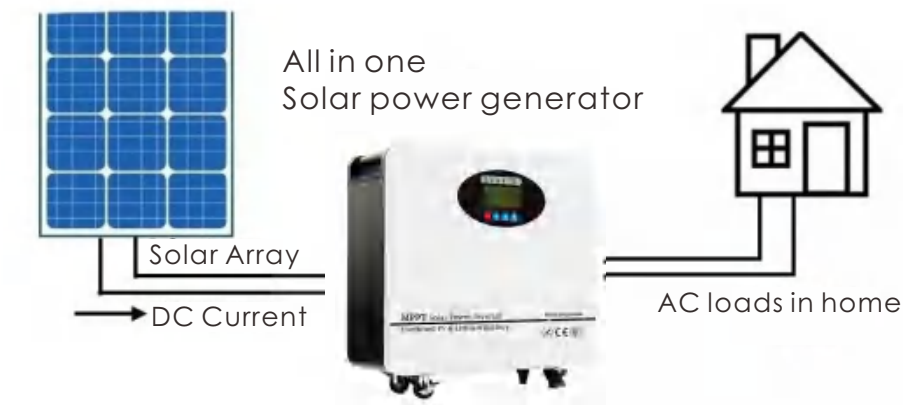
The product comes with wheels, which can be moved anywhere, saving effort and worry.



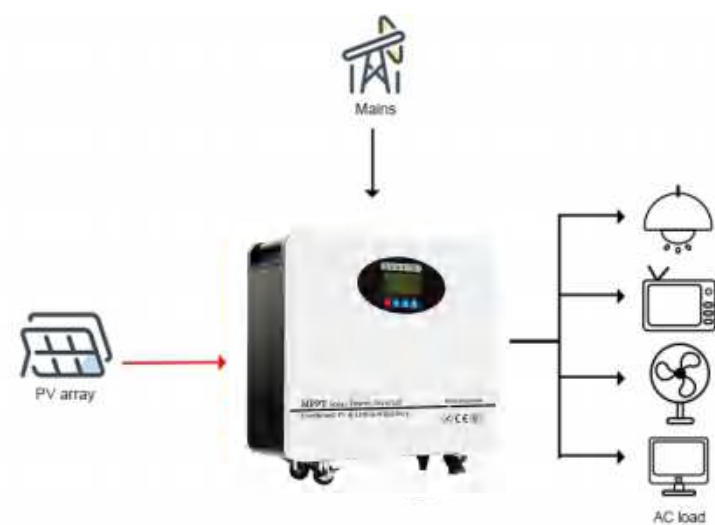
### Fast heat dissipation

Built-in temperature sensor and cooling fan, after using high temperature, automatic heat dissipation, guaranteed, more safe.

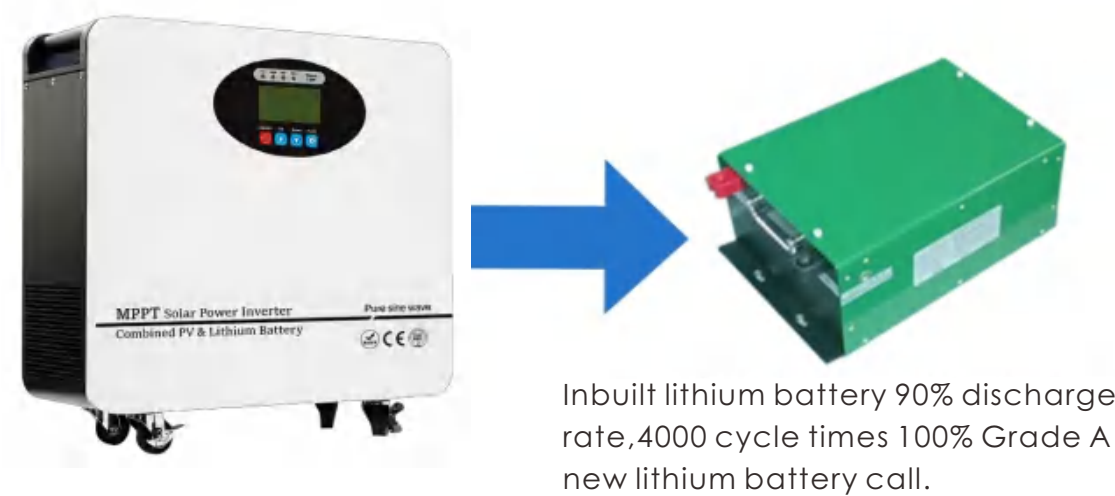
TWO MODELS CAN BE SET



01 Solar charging system composition



02 AC charging system composition

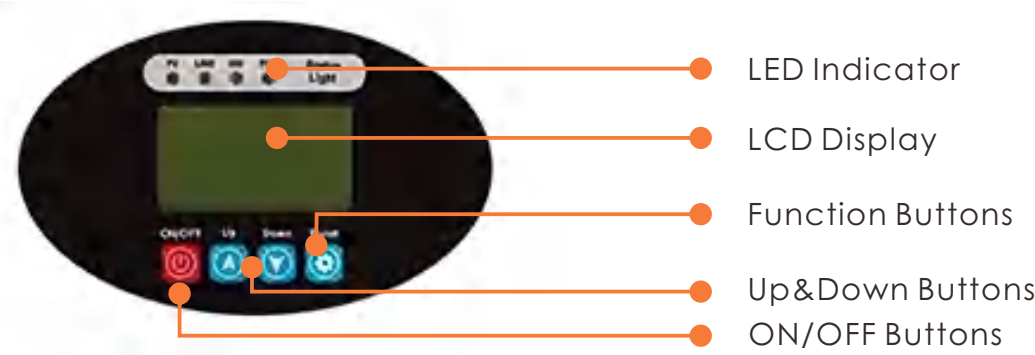
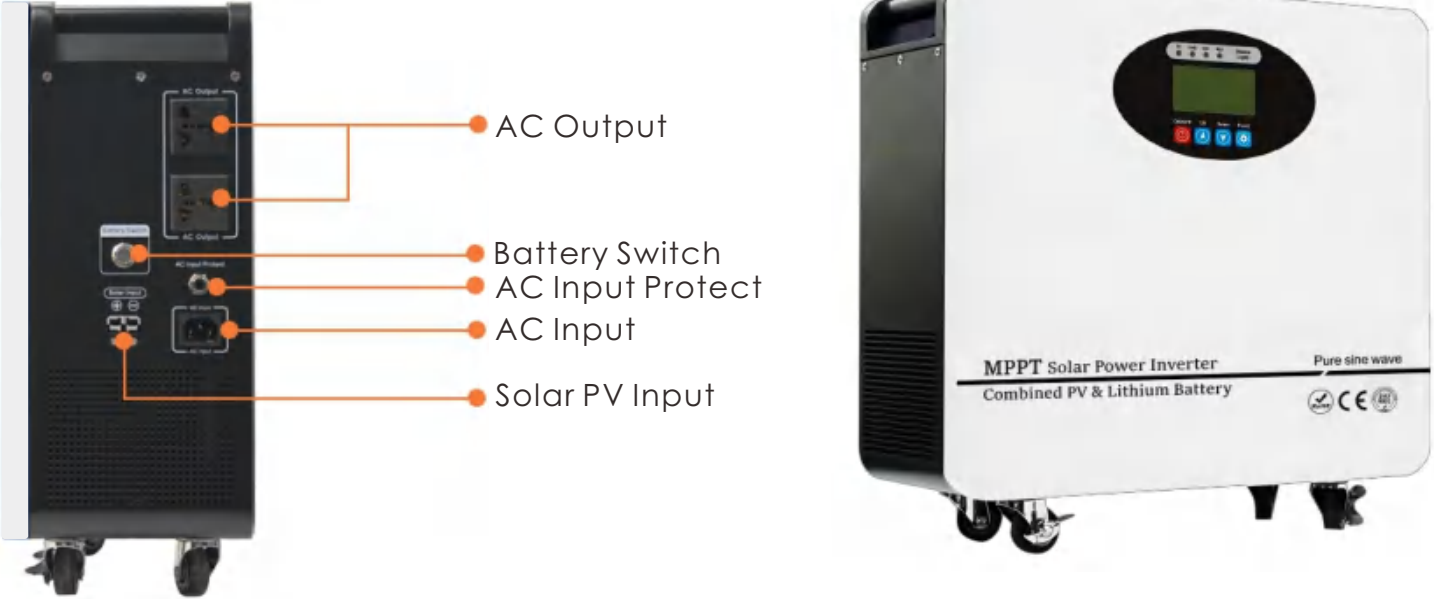


Combined solar charge controller that adapts to various loads, lithium battery all-in-one.

## PRODUCT ADVANTAGES



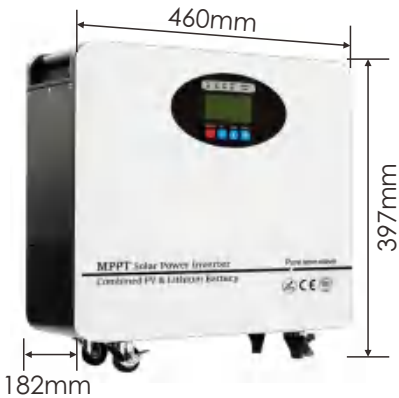
## PRODUCT DETAILS





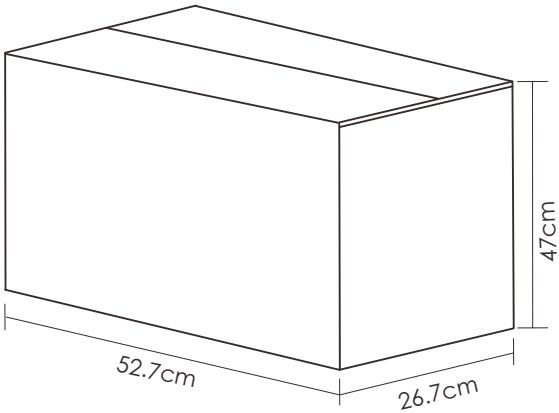
PRODUCT SPECIFICATION

Model	STAL601128
Rated Power	0.6kW
In-Built Lithium Battery	50Ah/12.8V
Output Voltage	220VAC
Output Frequency	50/60Hz
Input Voltage Range	145-275VAC
Input Frequency	50/60Hz
Maximum Photovoltaic Voltage	100VDC
MPPT Tracking Voltage Range	18-100VDC
Rated Charge Current	30A
Maximum Power	420Wp
5VDC USB Output Port	2 Units/MAX 2A
12VDC Output Port	2DC Ports/MAX 2A
Ambient Temperature For Operation	-20-+50°C
Ambient Temperature For Storage	-25 -+55°C
External Dimensions	460*182*397mm
Warranty	3 years



PACKAGING SPECIFICATION

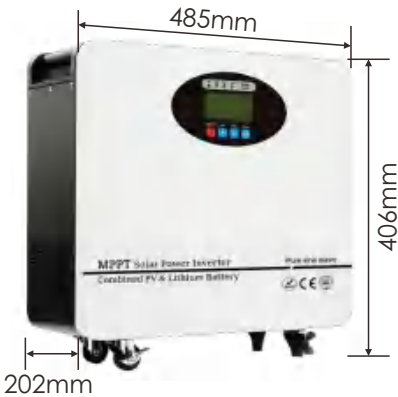
P/N	Power	Packing Size(CM)			PCS/CTN	CBM/CTN
		L	W	H		
STAL601128	600W	52.70	26.70	47.00	1	0.0662





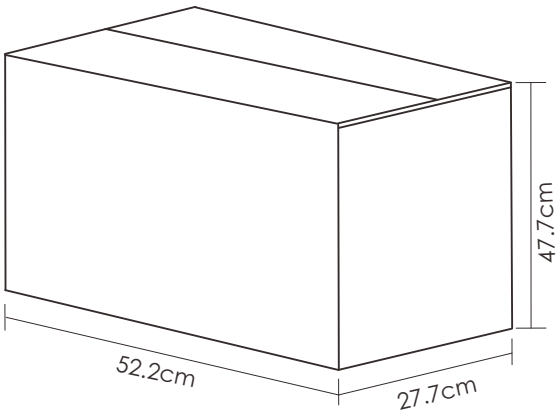
PRODUCT SPECIFICATION

Model	STAL122256
Rated Power	1.2kW
In-Built Lithium Battery	50Ah/25.6V
Output Voltage	220VAC
Output Frequency	50/60Hz
Input Voltage Range	145-275VAC
Input Frequency	50/60Hz
Maximum Photovoltaic Voltage	100VDC
MPPT Tracking Voltage Range	35-100VDC
Rated Charge Current	30A
Maximum Power	840Wp
5VDC USB Output Port	2 Units/MAX 2A
12VDC Output Port	2DC Ports/MAX 2A
Ambient Temperature For Operation	-20-+50°C
Ambient Temperature For Storage	-25 -+55°C
External Dimensions	485*202*406mm
Warranty	3 years



PACKAGING SPECIFICATION

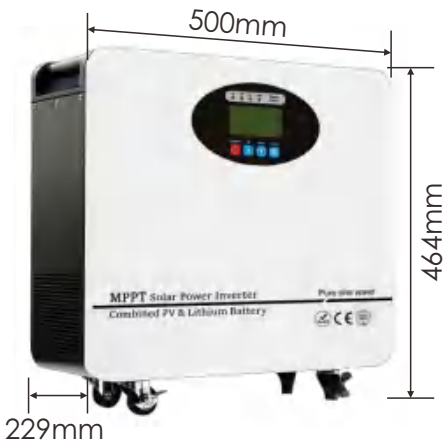
P/N	Power	Packing Size(CM)			PCS/CTN	CBM/CTN
		L	W	H		
STAL122256	1200W	52.20	27.70	47.70	1	0.0729





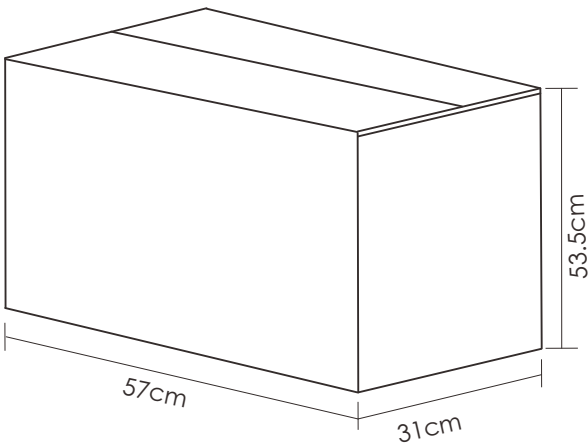
PRODUCT SPECIFICATION

Model	STAL222256
Rated Power	2.2kW
In-Built Lithium Battery	100Ah/25.6V
Output Voltage	220VAC
Output Frequency	50/60Hz
Input Voltage Range	170-275VAC
Input Frequency	50/60Hz
Maximum Photovoltaic Voltage	100VDC
MPPT Tracking Voltage Range	35-100VDC
Rated Charge Current	30A
Maximum Power	840Wp
5VDC USB Output Port	2 Units/MAX 2A
12VDC Output Port	2DC Ports/MAX 2A
Ambient Temperature For Operation	-20-+50°C
Ambient Temperature For Storage	-25 -+55°C
External Dimensions	500*229*464mm
Warranty	3 years



PACKAGING SPECIFICATION

P/N	Power	Packing Size(CM)			PCS/CTN	CBM/CTN
		L	W	H		
STAL222256	2200W	57.00	31.00	53.50	1	0.0945



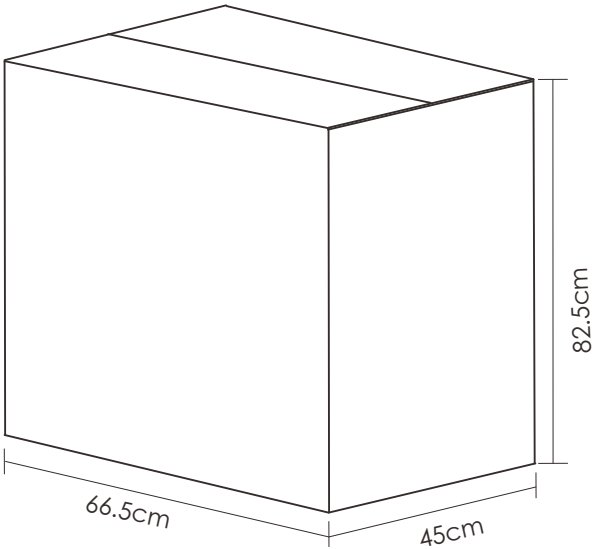
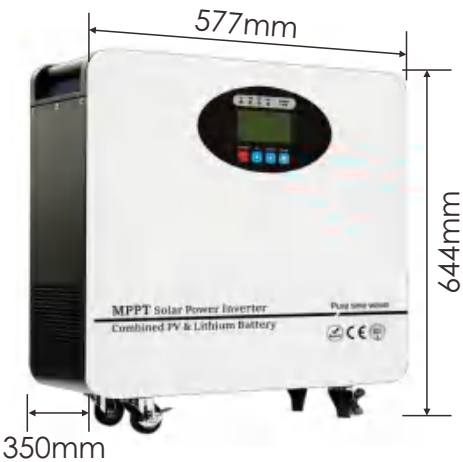


PRODUCT SPECIFICATION

Model	STAL352512
Rated Power	3.5kW
In-Built Lithium Battery	75Ah/51.2V
Output Voltage	220VAC
Output Frequency	50/60Hz
Input Voltage Range	170-275VAC
Input Frequency	50/60Hz
Maximum Photovoltaic Voltage	150VDC
MPPT Tracking Voltage Range	60-150VDC
Rated Charge Current	30A
Maximum Power	1500Wp
5VDC USB Output Port	2 Units/MAX 2A
12VDC Output Port	2DC Ports/MAX 2A
Ambient Temperature For Operation	-20-+50°C
Ambient Temperature For Storage	-25 -+55°C
External Dimensions	577*350*644mm
Warranty	3 years

PACKAGING SPECIFICATION

P/N	Power	Packing Size(CM)			PCS/CTN	CBM/CTN
		L	W	H		
STAL352512	3500W	66.50	45.00	85.50	1	0.2559

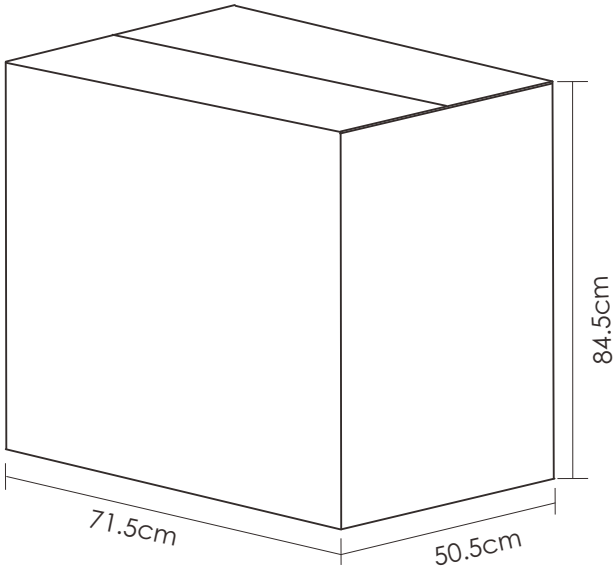
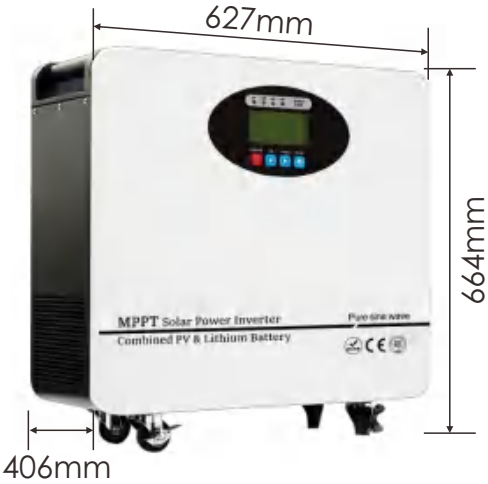


PRODUCT SPECIFICATION

Model	STAL502512
Rated Power	5kW
In-Built Lithium Battery	100Ah/51.2V
Output Voltage	220VAC
Output Frequency	50/60Hz
Input Voltage Range	170-275VAC
Input Frequency	50/60Hz
Maximum Photovoltaic Voltage	150VDC
MPPT Tracking Voltage Range	60-150VDC
Rated Charge Current	60A
Maximum Power	3000Wp
5VDC USB Output Port	2 Units/MAX 2A
12VDC Output Port	2DC Ports/MAX 2A
Ambient Temperature For Operation	-20-+50°C
Ambient Temperature For Storage	-25 -+55°C
External Dimensions	627*405*664mm
Warranty	3 years

PACKAGING SPECIFICATION

P/N	Power	Packing Size(CM)			PCS/CTN	CBM/CTN
		L	W	H		
STAL502512	5000W	71.50	50.50	84.50	1	0.3051



APPLICATION

