ONEWOD®

SOLAR ENERGY STORAGE INTEGRATED POWER SYSTEM

PRODUCT LIST

www.onewod.com

ONEWOO®

Green energy for the benefit of mankind

Founded in 2005, Shenzhen Mingdian Global Technology Co., Ltd. is a national high-tech enterprise with a full industrial chain and complete technical system for lithium batteries, also is one of representative of the advanced technology of lithium batteries in the world.

We relies on the world's leading battery material technology research and development, transforms into an industrial application platform, and build one complete technical team, organizational structure and advanced experimental testing center, which provides a strong guarantee for product design, development, analysis and verification.

Our headquarter is located in Shenzhen, China, and has branches and laboratories in Shiyan, Zhongshan, Guangzhou and other cities of China. We have business agencies in first & second-class cities across the country, and has overseas offices in Hong Kong, Europe, America, Asia Pacific and other regions. The organization has formed a network layout of "Cover the China and radiate to the world".

Our products mainly include automotive start stop power battery modules and photvoltaic storage integrated power systems. It mainly provides customized OEM&ODM services for research institutes, power grids and industry users, domestic aboard home users, etc.

At present, we have covered more than 100 countries and regions in the world, including more than 100 customers in 21 provinces, municipalities and autonomous regions in China, including 19 domestic agents; more than 30 customers cooperated in Europe, America, Africa and Southeast Asia.

The company adheres to the vision of "green energy, benefite human", and promotes the development of green new energy technology as the start for scientific research and industrial layout.

Our company commite to accelerate scientific innovation, reduce manufacturing costs, strengthen prevention and control of key process, suppress damage caused by out-of-control of product safety and reliability, achieving precision design and forging fine products.

Main products:

Home Solar power systerm
DC Household appliances
PV power monitoring equipment

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CONTENT

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Product features

Dual CPU intelligent control technology with excellent performance;

Mains mode/energy saving mode/battery mode can be set and the application is flexible;

Charging current / battery type can be set, convenient and practical, safe and reliable;

Adopting circular power frequency transformer, pure sine wave output, low loss, high efficiency and strong load capacity;

Intelligent temperature control fan, safe and reliable;

LCD real-time display device parameters, operating status at a glance;

Output overload, short circuit protection, various automatic protection and alarm prompts.

Solar Generator

ONEWOO ®
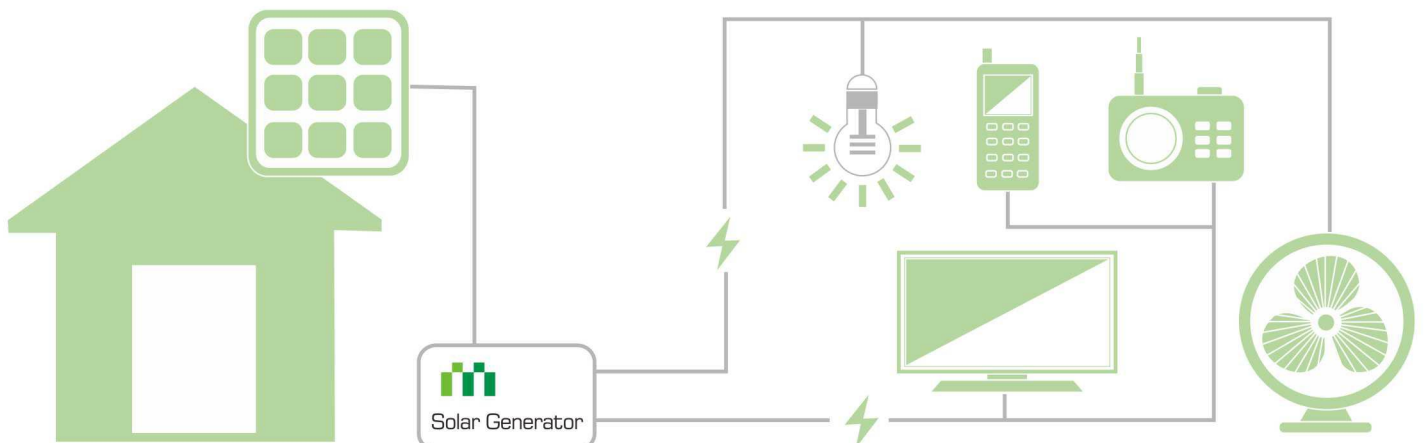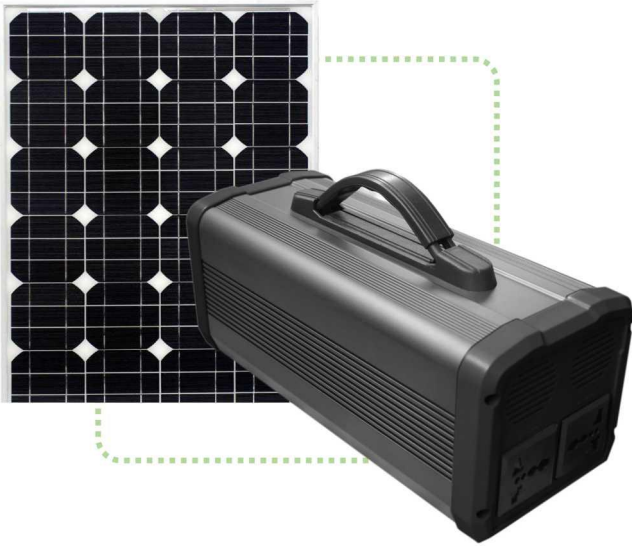
Model:MDS300

Syslem capacity	300Wh
Solar panel(mono)	18V/90W
Solar conlroller	12V/30A
Maintenanco-free gel battery	12V/20Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	290x120x120
Solar panel size (mm)	995x515

Model:MDS300

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
DC Load	12V / 10W	21h	210Wh
DC Load	12V / 30W	7h	210Wh
AC Load	220V / 300W	0.7h	210Wh

Model:MDS500

Syslem capacity	500Wh
Solar panel(mono)	18V/ 90W
Solar conlroller	12V/ 20A
Maintenanco-free gel battery	12V/ 40Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	310x140x160
Solar panel size (mm)	995x515

Model:MDS500

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
DC Load	12V / 10W	36h	358Wh
DC Load	12V / 50W	7h	358Wh
AC Load	220V / 500W	0.7h	358Wh

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Model: MDS1000

Model: MDS1000	
Syslem capacity	1000Wh
Solar panel(mono)	18V/150W
Solar conlroller	12V/30A
Maintenanco-free gel battery	12V/80Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	450x240x260
Solar panel size (mm) 2pcs	995x515

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
DC Load	12V / 50W	14h	716Wh
DC Load	12V / 100W	7h	716Wh
AC Load	220V / 1000W	0.7h	716Wh
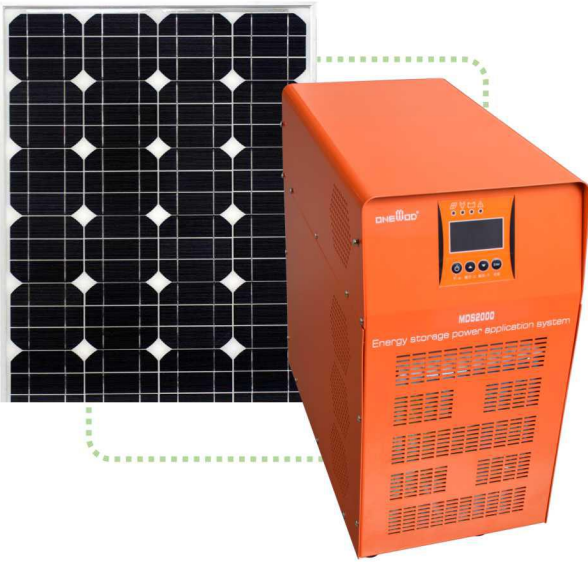
Model:MDS2000
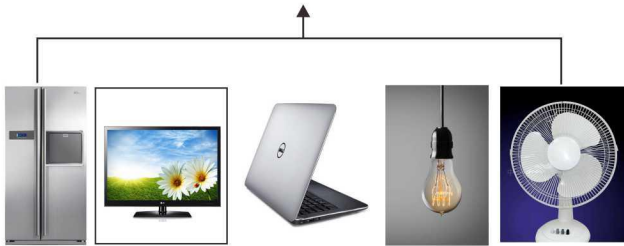
Syslem capacity	2000Wh
Solar panel(mono)	36V220W
Solar conlroller	24V/30A
Maintenanco-free gel battery	24V/80Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	470x255x465
Solar panel size (mm) 2pcs	1585x1000

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
AC Load	220V / 500W	2.9h	1433Wh
AC Load	220V / 1000W	1.4h	1433Wh
AC Load	220V / 2000W	0.7h	1433Wh
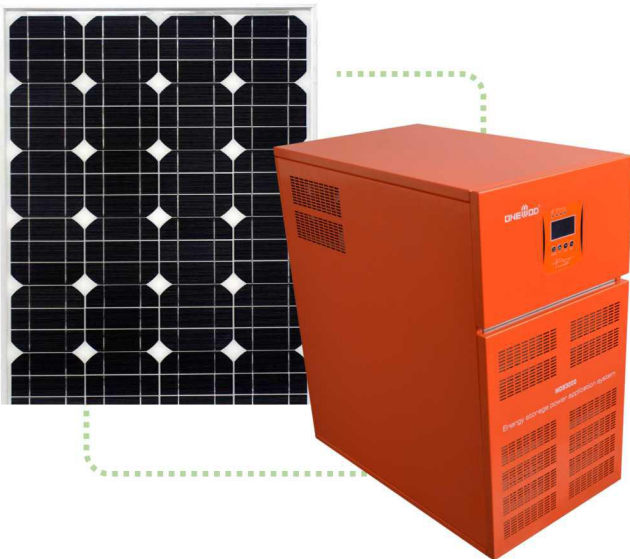
Model:MDS2000

Model:MDS3000

Syslem capacity	3000Wh
Solar panel(mono)	36V220W
Solar conlroller	24V/30A
Maintenanco-free gel battery	24V/120Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	376x660x700
Solar panel size (mm) 3pcs	1585x1000

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
AC Load	220V / 1KW	2.2h	2150Wh
AC Load	220V / 2KW	1.0h	2150Wh
AC Load	220V / 3KW	0.7h	2150Wh

Model:MDS3000

Model:MDS5000

Syslem capacity	5000Wh
Solar panel(mono)	72V/220W
Solar conlroller	48V/30A
Maintenanco-free gel battery	48V/100Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	376x660x700
Solar panel size (mm) 6pcs	1585x1000

Model:MDS5000

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
AC Load	220V / 1KW	3.4h	3360Wh
AC Load	220V / 2KW	1.7h	3360Wh
AC Load	220V / 3KW	1.1h	3360Wh

Model:MDS8000

Syslem capacity	8000Wh
Solar panel(mono)	72V/220W
Solar conlroller	48V/30A
Maintenanco-free gel battery	48V/160Ah
DC output	12V/5A
USB output	5V/2.1A
AC output	220V/50Hz
HOST Size (mm)	620x380x680
Solar panel size (mm) 8pcs	1585x1000

Model:MDS8000

This electricity reference is based on 70% of battery capacity.

Varlous load power time reference			
Load	Power selection	Hours/Day	Electricity/Day
AC Load	220V / 1KW	5.4h	5376Wh
AC Load	220V / 2KW	2.7h	5376Wh
AC Load	220V / 3KW	1.8h	5376Wh