

Solar Power Supply System (100W)



GHGD—406663 100W

Solar power system is the one which can be conveniently installed and transported. It also has the perfect characteristics of self-control, self-protection, needing no attention, compact structure, elegant outline and convenience for using etc.

Spec:

Power	Load
250WP	1PCS: 14"TV 1PCS: VCD, 1PCS:Video 4PCS: 7W solar lamp

We could design it according to your requirement. You can connect it to grid power system through mater, and output Power while you do not use electricity.

The lifetime of solar panel: 25years.

Instruction for 100W solar power system :

No	Name	Specification	Quantity	Remark
1	Solar module	100W	1pcs	
2	Batter	100AH/12V	1pcs	
3	Solar controller inverter	12VDC/110V 220V	1pcs	
4	Adjunct		1pcs	
5	Size/weight of solar module	1100*800*50mm	13 KG	
6	Size/weight of the controller inverter	550*350*350mm	51 KG	Battery in it.
7	MOQ		50 pcs	

Note: packaging of carton.



P. O. Box 619, Manasquan, NJ 08736 Web Site: www.a-atinc.com
 T: 908-331-2804 E-mail: aat@a-atinc.com,

Solar Power Supply System (250W)



GHGD—406663 250W

Solar power system is the one which can

be conveniently installed and transported.

It also has the perfect characteristics of self-control, self-protection, needing no attention, compact structure, elegant outline and convenience for using etc.

Spec:

Power	Load
250WP	1PCS: 21"TV 1PCS: VCD, 1PCS:Video 4PCS:15W solar lamp

We could design it according to your requirement. You can connect it to grid power system through mater, and output Power while you do not use electricity.
 The lifetime of solar panel: 25years.

No	Name	Specification	Quantity	Remark
1	Solar module	125W	2pcs	
2	Batter	100AH/12V	2pcs	
3	Solar controller inverter	24VDC/110V 220V	1pcs	
4	Adjunct		1pcs	
5	Size/weight of solar module	1370*820*130mm	28 KG	
6	Size/weight of the controller inverter	550*350*350mm	61 KG	Battery in it.
7	MOQ		50 pcs	

Note: packaging of carton.

Solar Power Supply System (500W)



GHGD—406632 500W

500W solar power system is the one which can be conveniently installed and transported. It also has the perfect characteristics of self-control, self-protection, needing no attention, compact structure, elegant outline and convenience for using etc.

We could design it according to your requirement. You can connect it to grid power system through mater, and output Power while you do not use electricity. The lifetime of solar panel: 25years.

No	Name	specification	Quantity	Remark
1	Solar Module	50W	10pcs	
2	Battery	150AH/12V	4pcs	
3	Solar controller inverter	24VDC/110V 220V	1pcs	
4	Adjunct		1pcs	
5	Size/weight of solar module	840*550*182mm *3sets	63 KG	
6	Size/weight of the controller inverter	550*700*350mm	122 KG	Battery in it.
7	MOQ		10 pcs	

Note: packaging of carton.

Solar Power Supply System (1000W)



GHGD—406632 1000W

1000W solar power system is the one which can be conveniently installed and transported. It also has the perfect characteristics of self-control, self-protection, needing no attention, compact structure, elegant outline and convenience for using etc. We could design it according to your requirement. You can connect it to grid power system through mater, and output Power while you do not use electricity. The lifetime of solar panel: 25years.

No	Name	Specification (mm)	Quantity	Remark
1	Solar Module	50W	20pcs	
2	Battery	150AH/12V	6pcs	
3	Solar controller inverter	24VDC/110V 220V	1pcs	
4	Adjunct		1pcs	
5	Size/weight of solar module	840*550*182mm *5sets	130 KG	
6	Size/weight of the controller inverter	550*700*350mm *2sets	366 KG	Battery in it.
7	MOQ		2pcs	

Note: packaging of carton.



P. O. Box 619, Manasquan, NJ 08736 Web Site: www.a-atinc.com
T: 908-331-2804 E-mail: aat@a-atinc.com,

Solar Power Supply System (2000W)



GHGD—406632 2000W

2000W solar power system is the one which can be conveniently installed and transported. It also has the perfect characteristics of self-control, self-protection, needing no attention, compact structure, elegant outline and convenience for using etc.

We could design it according to your requirement. You can connect it to grid power system through mater, and output power while you do not use electricity.

The lifetime of solar panel: 25years.

No	Name	Specification	Quantity	Remark
1	Solar Module	100W	20pcs	
2	Battery	150AH/12V	12pcs	
3	Solar controller inverter	48VDC/110V 220V	1pcs	According to the client's requirement
4	Adjunct		1pcs	
5	Size/weight of solar module	1120*820*130mm *10sets	130 KG	20pcs in all;
6	Size/weight of the controller inverter	550*700*350mm *4sets	838 KG	Battery in it.
7	MOQ		2pcs	

Note: packaging of carton.



P. O. Box 619, Manasquan, NJ 08736 Web Site: www.a-atinc.com
T: 908-331-2804 E-mail: aat@a-atinc.com,

Solar Power Supply System (3000W)



GHGD—406632 3000W

3000W solar power system is the one which can be conveniently installed and transported. It also has the perfect characteristics of self-control, self-protection, needing no attention, compact structure, elegant outline and convenience for using etc. We could design it according to your requirement. You can connect it to grid power system through mater, and output Power while you do not use electricity. The lifetime of solar panel: 25years.

No	Name	Specification	Quantity	Remark
1	Solar Module	100W	30pcs	
2	Battery	150AH/12V	20pcs	
3	Solar controller inverter	48VDC/110V 220V	1pcs	According to the client's requirement
4	Adjunct		1pcs	
5	Size/weight of solar module	1120*820*130mm *20sets		50pcs in all;
6	Size/weight of the controller inverter	550*700*350mm *8sets		Battery in it.

Note: packaging of carton.

Solar Energy Grid-Connected Generation System



Introduction to scheme

Making use of the current produced by the "photovoltaic effect" when light irradiates on surface of highly pure silicon, the system transmits the current into power grid after the current is collected and treated through a series of solar modules. The whole system includes the design of battery component and its frame, inverter, switching house and thunder proof system, and there is specific arrangement for the installation, debugging and acceptance of the system. The system has high conversion efficiency, steady and reliable power supply, and it is convenient to install, and maintenance is unnecessary. The electricity generated by solar battery is not stored in accumulator, but directly transmitted into the state grid. When loads need electricity, the electricity can be obtained from the state grid. The electricity is sold at day and bought at night. Compared with independent system, it can make use of system advantages to the larger degree. Accumulator may be charged full, but the state grid will never be full. The cost can be largely reduced for it is not necessary to use accumulator. Now, the technology on large-scale solar energy grid-connected generation is quite mature, and it has been realized in many developed countries. In China, due to insufficiency of energy and the great guide and support from government, the technology will step into the rapid growth period. The technology has high practicability and investment prospect. Solar energy grid-connected generation, which represents the development direction of solar energy, is the most attractive energy utilization technology of the 21st century.



P. O. Box 619, Manasquan, NJ 08736 Web Site: www.a-atinc.com
T: 908-331-2804 E-mail: aat@a-atinc.com,

Applicable range

It is applicable to the areas with large solar radiation, such as our country's west of Inner Mongolia, west of Gansu, Xinjiang, Qinghai -Tibet Plateau, Northeast, North China, North Shan'xi, Ningxia, east side of Qinghai -Tibet Plateau, Hainan, Taiwan, etc.

Function characteristics

Function characteristics: Environment-friendly: If clean and renewable solar energy is used for power generation, it is unnecessary to consume the non-renewable carbon contained fossil energy with limited amount. During the application of solar energy, there is no discharge of greenhouse gas and pollutants, which is harmonious with ecology and complies with the sustainable development strategy for economy and society.

Reduced cost: The generated power is transmitted into power network and uses the power network as energy-storage device, and it is unnecessary to use accumulator cell, which makes the construction investment reduced by 35% - 45% compared with the independent solar energy photovoltaic system and largely reduces the power generation cost. Accumulator cell is exempted and the mean time between failures of the system is improved and the secondary pollution of accumulator cell is avoided.

Strong applicability: The perfect combination of photovoltaic cell component and construction not only can generate power, but can be used as construction material and decoration material, which makes material sufficiently used and exert multiple functions. It not only can reduce construction cost, but can improve the technology content of construction, which increases "selling points".

Distributed construction: Power generation and supply can be performed in situ and it is flexible to enter or exit the power network, which is not only beneficial to strengthen the ability of resisting wars and disasters of the power system, but can improve the load balance of the power system. And line loss also can be reduced.

Peak regulation function: Grid-connected solar energy photovoltaic system is the hotspot and focal points competitively developed by developed countries in photovoltaic field, and is the main development trend of the world solar energy photovoltaic power generation. It has large market and broad prospect.