

Solar home system

The small solar kits include solar panel, charge controller, output cables and mounts. Our pre-packaged solar panel kits are popular due to their simple installation for applications such as telecommunications, traffic and railroad signaling, rural electrification, private residences...

ITEM	POWER	TYPE
GBSS-05-B	5W	Economy
GBSS-10-B	10W	Economy
GBSS-20-B	20W	Economy
GBSS-30-B	30W	Economy
GBSS-40-B	40W	Economy
GBSS-50-B	50W	Economy
GBSS-60-B	60W	Economy
GBSS-80-C	80W	Standard
GBSS-100-C	100W	Standard
GBSS-160-C	160W	Standard
GBSS-320-C	320W	Standard
GBSS-480-C	480W	Standard
GBSS-1KW-C	1KW	Deluxe
GBSS-2KW-C	2KW	Deluxe
GBSS-3KW-C	3KW	Deluxe
GBSS-4KW-C	4KW	Deluxe
GBSS-5KW-C	5KW	Deluxe

GBSS-05-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic, and school etc. The system can be customized to suit your specific needs.



The system can power the following:

2 pcs LED lighting sets.

The base system includes:

1x 5 Watt solar panel array with 20 years warranty

12V 3A charge controller

12V/4AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels, charge controller and battery

Junction Box, Instruction Guide

Typical power generated: 25Wh/day, 750Wh/month

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries.
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.



GBSS-10-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic, and school etc. The system can be customized to suit your specific needs.



The system can power the following:

2 pcs 10Watt TL light sets.

The base system includes:

1x10 Watt solar panel array with 20 years warranty

12V 3A charge controller

12V/17AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels, charge controller and battery

Junction Box, Instruction Guide

Typical power generated: 50Wh/day, 1.5 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-20-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.





The system can power the following:

3 pcs 10Watt TL light sets

The base system includes:

1x 20 Watt solar panel array with 20 years warranty

12V 3A charge controller

12V/38AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels, charge controller and battery
Junction Box, Instruction Guide

The base system includes:

1x 20 Watt solar panel array with 20 years warranty

12V A charge controller

12V/38AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels, charge controller and battery
Junction Box, Instruction Guide

Typical power generated: 0.1 KWh/day, 3 KWh/month

Remarks:

1. Add additional solar panel for more generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-30-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.



The system can power the following:

4 pcs 10Watt TL light sets

The base system includes:

1x 30 Watt solar panel array with 20 years warranty

12V 3A charge controller

12V/38AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels, charge controller and battery
Junction Box, Instruction Guide

Typical power generated: 0.15 KWh/day, 4.5 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.



GBSS-40-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.



The system can power following:

5 pcs 10Watt TL light sets

The base system includes:

1x 40 Watt solar panel array with 20 years warranty

12V 5A charge controller with LED status indicators

12V/60AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels, charge controller and battery
Junction Box, Instruction Guide

Typical power generated: 0.2 KWyh/day, 6 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary.
Contact us if you are in doubt regarding power load evaluation.

GBSS-50-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.





The system can power the following:

6 pcs 10Watt TL light sets

The base system includes:

1x 50 Watt solar panel array with 20 years warranty

12V 10A charge controller with LED status indicators

12V/70AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels , charge controller and battery

Junction Box, Instruction Guide

Typical power generated: 0.25 KWh/day, 7.5 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-60-B

The economy system can give a basic energy solution (for example lighting) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.



The system can power the following:

8 pcs 10Watt TL light sets

The base system includes:

1x 60 Watt solar panel array with 20 years warranty

12V 10A charge controller with LED status indicators

12V/90AH deep cycle sealed solar batteries (1 day reserve power)

High quality cables for connection panels , charge controller and battery

Junction Box, Instruction Guide

Typical power generated: 0.3 KWh/day, 9 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.



GBSS-80-C

The standard system can give a standard energy solution (for example lighting, fan, radio, TV etc.) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

- 6 Energy Saver Bulbs
- 1 Radio or CD/DVD player

The base system includes:

1 x 80 Watt solar panel array with 20 years warranty

- 12V 10A charge controller with LED status indicators
- 120 Watt sine wave inverter to convert battery DC output to AC (10~15V DC input , 220V±5% AC output, 50HZ)
- 12v 80AH deep cycle sealed solar batteries (1 day reserve power)
- High quality cables for connection panels , charge controller , battery and inverter
- Junction Box, Instruction Guide

Typical power generated: 0.36 Wh/day, 10.8KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-100-C

The standard system can give a standard energy solution (for example lighting, fan, radio, TV etc.) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

- 8 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 Laptop

The base system includes:

1 x 100 Watt solar panel array with 20 years warranty

- 12V 10A charge controller with LED status indicators
- 200 Watt sine wave inverter to convert battery DC output to AC (10~15V DC input, 220V±5% AC output, 50HZ)
- 12V 100AH deep cycle sealed solar batteries (1 day reserve power)
- High quality cables for connection panels , charge controller, battery and inverter
- Junction Box, Instruction Guide

Typical power generated: 0.45 KWh/day, 13.5KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-160-C

The standard system can give a standard energy solution (for example lighting, fan, radio, TV etc.) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

- 8 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 Fan
- 1 20" Colour TV



The base system includes:

2 x 80 Watt solar panel array with 20 years warranty
24V 10A charge controller with LED status indicators
300 Watt sine wave inverter to convert battery DC output to AC (10~15DC input , 220V±5% AC output, 50HZ)
24V 120AH deep cycle sealed solar batteries (1 day reserve power)
High quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 0.72 KWh/day, 21.6 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-320-C

The standard system can give a standard energy solution (for example lighting, fan, radio, TV etc.) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

8 Energy Saver Bulbs
1 Radio or CD/DVD player
1 Small Refrigerator
1 Laptop
1 fan
1 20" Colour TV

The base system includes:

4 x 80 Watt solar panel array with 20 years warranty
24V 20A charge controller with LED status indicators
500 Watt sine wave inverter to convert battery DC output to AC (10~15DC input , 220V±5% AC output, 50HZ)
24V 200AH deep cycle sealed solar batteries (1 day reserve power)
High quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 1.5KWh /day, 45KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-480-C

The standard system can give a standard energy solution (for example lighting, fan, radio, TV etc.) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

6 Energy Saver Bulbs
1 Radio or CD/DVD player
1 Small Refrigerator
2 fans
2 Laptop
1 20" Colour TV



The base system includes:

6 x 80 Watt solar panel array with 20 years warranty
24V 20A charge controller with LED status indicators
1000 Watt sine wave inverter to convert battery DC output to AC (20~30DC input , 220V±5% AC output, 50HZ)
24V 300AH deep cycle sealed solar batteries (1 day reserve power)
High quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 2.2KWh /day, 66KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-1KW-C

SOLARLAND deluxe system can give a whole energy solution (for example lighting, fan, radio, TV, PC, Refrigerator etc) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

20 Energy Saver Bulbs
1 Radio or CD/DVD player
4 Fan
1 Refrigerator
1 Desktop / Laptop
1 20" Colour TV

The base system includes:

10 x 100 Watt solar panel array with 20 year warranty
24v 50A charge controller with LED status indicators
1KW sine wave inverter to convert battery DC output to AC (20~30V DC input, 220V±5%, 50HZ)
600AH/24V deep cycle sealed solar batteries (1 day reserve power)
High quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 4.4KWh/day, 132 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-2KW-C

SOLARLAND deluxe system can give a whole energy solution (for example lighting, fan, radio, TV, PC, Refrigerator etc) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

30 Energy Saver Bulbs
1 Radio or CD/DVD player
2 Refrigerator
2 Fans
1 Cookers / Microwaves
1 Desktop or Laptop Computers
2 Colour TV



The base system includes:

20 x 100Watt solar panel array with 20 years warranty
48v 50A charge controller with LED status indicators
2KW sine wave inverter to convert battery DC output to AC(20~30V DC input, 220V±5%, 50HZ)
1200AH/24V deep cycle sealed solar batteries (1 day reserve power)
high quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 8.7KWh/day, 261 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary.
Contact us if you are in doubt regarding power load evaluation.

GBSS-3KW-C

The deluxe system can give a whole energy solution (for example lighting, fan, radio, TV, PC, Refrigerator etc) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

30 Energy Saver Bulbs
1 Radio or CD/DVD player
1 Refrigerator
2 Fans
1 Cookers / Microwaves
1 Desktop or Laptop Computers
1 Colour TV
1 air condition

The base system includes:

30x 100Watt solar panel array with 20 years warranty
48v 100A charge controller with LED status indicators
3KW sine wave inverter to convert battery DC output to AC (40~60V DC input, 220V±5% AC output, 50HZ)
800AH/48V deep cycle sealed solar batteries (1 day reserve power)
High quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 13.5KWh/day, 405 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary.
Contact us if you are in doubt regarding power load evaluation.

GBSS-4KW-C

The deluxe system can give a whole energy solution (for example lighting, fan, radio, TV, PC, Refrigerator etc) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

30 Energy Saver Bulbs
1 Radio or CD/DVD player
2 Refrigerator
2 Fans
1 Cookers / Microwaves
1 Desktop or Laptop Computers
2 Colour TV



The base system includes:

40x 100Watt solar panel array with 20 years warranty
48v 100A charge controller with LED status indicators
5KW sine wave inverter to convert battery DC output to AC (40-60V DC input, 220V±5% AC output, 50HZ)
1000AH/48V deep cycle sealed solar batteries (1 day reserve power)
High quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 17.3KWh/day, 519 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

GBSS-5KW-C

The deluxe system can give a whole energy solution (for example lighting, fan, radio, TV, PC, Refrigerator etc) for your home, office, clinic and school etc. The system can be customized to suit your specific needs.

The system can power the following:

60 Energy Saver Bulbs
1 Radio or CD/DVD player
2 Refrigerator
2 Fans
1 Cookers / Microwaves
2 Desktop or Laptop Computers
2 Colour TV
1 air condition

The base system includes:

50x 100Watt solar panel array with 20 years warranty
220v 50A charge controller with LED status indicators
10KW sine wave inverter to convert battery DC output to AC (240V DC input, 220V±5% AC output, 50HZ)
500AH/240V deep cycle sealed solar batteries (1 day reserve power)
high quality cables for connection panels , charge controller , battery and inverter
Junction Box, Instruction Guide

Typical power generated: 22KWh/day, 660 KWh/month

Remarks:

1. Add additional solar panel for more power generation
2. Increase storage capacity with more batteries
3. Approximate, based on average power rating of appliances. Actual power consumption of appliances may vary. Contact us if you are in doubt regarding power load evaluation.

