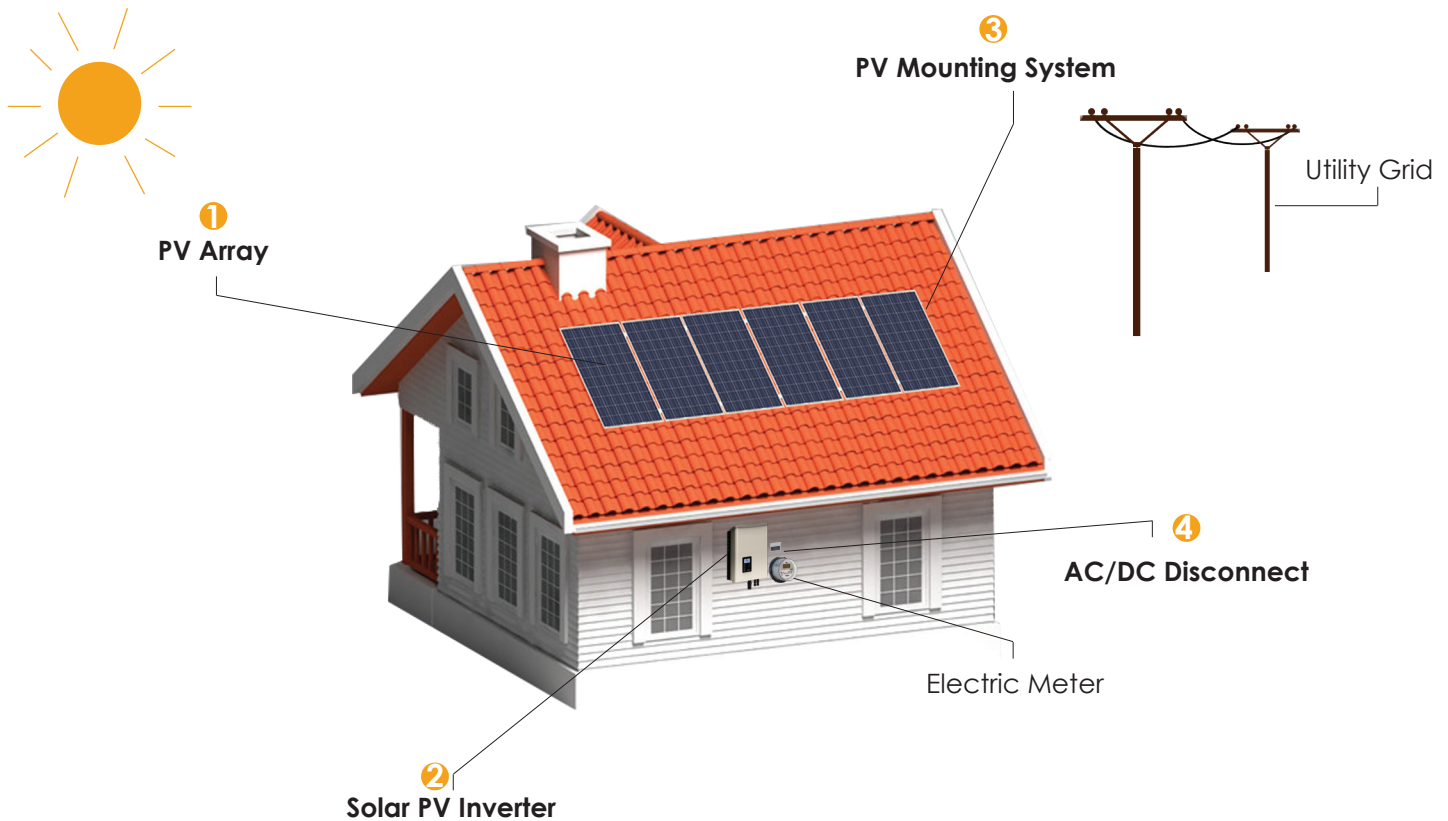


# Experience the power of the sun from home



## Residential Grid-Tie Solar Energy Home Systems PV Kits

## How it works



## Why Solar?

Solar energy generated by the sun is free and abundant. Solar PV technology can capture this energy and make it available to you at home. Using solar energy at home can produce significant savings on your electricity bill by spinning your meter backwards. Solar PV is a passive technology and will generate power by harvesting the light energy from the sun.

Get ready to experience the power of the sun from home. Symtech Solar proudly presents its STSK line for residential solar energy systems. Enjoy its features, practicality and reliable functionality.

## Benefits

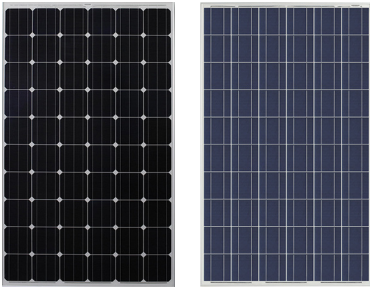
- Save money
- Environmental and user-friendly
- Grid tie system through net metering
- Low/ no maintenance
- Produces no greenhouse gases
- Clean energy, passive and free of noise
- Utilise the sun, one of the biggest renewable sources of energy in the world

HELPING YOU

# Solar Energy Systems

## System Components

### 1 PV Array



Mono or Poly crystalline cell technology, the solar modules carry all TUV and IEC certifications and are backed by a 25 year standard output power warranty as well as a 10 year warranty on any defects in materials and workmanship. .

### 2 Solar PV Inverter



Converts your DC energy to AC. Our grid tie inverters are backed by a 5 year standard warranty with an optional extended 10 year warranty. You will be able to use all your regular electric appliances at home and feed clean energy back to the grid. Optional remote monitoring which enables users to view both real time and historic reporting of the energy generated.

- Options:
- 10 year extended warranty
  - Remote monitoring system

### 3 PV Mounting System



PV mounting systems are selected according to your roof material and structure. Our mounting systems are made of high quality aluminium /stainless steel and offer optimum design and materials. The light-weight and durable system enables total stability for your home's PV array.

### 4 Ground Lugs PV Wire & Connectors



Safety plays an important role in the use and life of any PV energy system. We include ground lugs<sup>1</sup>, PV Wire<sup>2</sup> and MC4 Connectors<sup>3</sup>. Our kits are pre engineered and designed to offer a complete solution for all installers.



## Features








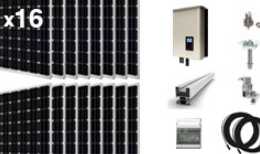




- Complete System Kits
- Fast installation
- Field configurable settings
- Optimized system footprint
- DIY Installation Manual
- Designed to operate with standard utility configurations
- Unmatched customer service
- All items shipped in one box

HARVEST CLEAR ENERGY

## PV Kit Sizes Mono Line

PV Module 250Wp Mono





















 <p>STSK-1.5 Grid-Tie PV Kits</p> <p>x 6</p>  <p>Quality Assurance symtechsolar</p> <p>UL IEC A CE</p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-1.5</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>1.5</td> </tr> <tr> <td>No. of Modules</td> <td>6</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>10</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>1500</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x750x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>340</td> </tr> </tbody> </table>	Model No.	STSK-1.5	System size (kWp)	1.5	No. of Modules	6	Roof Space required (m2)	10	PV array DC (Watts)	1500	Box Size (mm)	1750x750x1120	Weight (kg)	340
Model No.	STSK-1.5														
System size (kWp)	1.5														
No. of Modules	6														
Roof Space required (m2)	10														
PV array DC (Watts)	1500														
Box Size (mm)	1750x750x1120														
Weight (kg)	340														
 <p>STSK-2 Grid-Tie PV Kits</p> <p>x 8</p>  <p>Quality Assurance symtechsolar</p> <p>UL IEC A CE</p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-2</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>2</td> </tr> <tr> <td>No. of Modules</td> <td>8</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>13</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>2000</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x750x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>382</td> </tr> </tbody> </table>	Model No.	STSK-2	System size (kWp)	2	No. of Modules	8	Roof Space required (m2)	13	PV array DC (Watts)	2000	Box Size (mm)	1750x750x1120	Weight (kg)	382
Model No.	STSK-2														
System size (kWp)	2														
No. of Modules	8														
Roof Space required (m2)	13														
PV array DC (Watts)	2000														
Box Size (mm)	1750x750x1120														
Weight (kg)	382														
 <p>STSK-3 Grid-Tie PV Kits</p> <p>x 12</p>  <p>Quality Assurance symtechsolar</p> <p>UL IEC A CE</p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-3</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>3</td> </tr> <tr> <td>No. of Modules</td> <td>12</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>21</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>3000</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x750x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>340</td> </tr> </tbody> </table>	Model No.	STSK-3	System size (kWp)	3	No. of Modules	12	Roof Space required (m2)	21	PV array DC (Watts)	3000	Box Size (mm)	1750x750x1120	Weight (kg)	340
Model No.	STSK-3														
System size (kWp)	3														
No. of Modules	12														
Roof Space required (m2)	21														
PV array DC (Watts)	3000														
Box Size (mm)	1750x750x1120														
Weight (kg)	340														
 <p>STSK-4 Grid-Tie PV Kits</p> <p>x 16</p>  <p>Quality Assurance symtechsolar</p> <p>UL IEC A CE</p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-4</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>4</td> </tr> <tr> <td>No. of Modules</td> <td>16</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>26</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>4000</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x1200x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>535</td> </tr> </tbody> </table>	Model No.	STSK-4	System size (kWp)	4	No. of Modules	16	Roof Space required (m2)	26	PV array DC (Watts)	4000	Box Size (mm)	1750x1200x1120	Weight (kg)	535
Model No.	STSK-4														
System size (kWp)	4														
No. of Modules	16														
Roof Space required (m2)	26														
PV array DC (Watts)	4000														
Box Size (mm)	1750x1200x1120														
Weight (kg)	535														
 <p>STSK-5 Grid-Tie PV Kits</p> <p>x 20</p>  <p>Quality Assurance symtechsolar</p> <p>UL IEC A CE</p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-5</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>5</td> </tr> <tr> <td>No. of Modules</td> <td>20</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>33</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>5000</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x1200x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>620</td> </tr> </tbody> </table>	Model No.	STSK-5	System size (kWp)	5	No. of Modules	20	Roof Space required (m2)	33	PV array DC (Watts)	5000	Box Size (mm)	1750x1200x1120	Weight (kg)	620
Model No.	STSK-5														
System size (kWp)	5														
No. of Modules	20														
Roof Space required (m2)	33														
PV array DC (Watts)	5000														
Box Size (mm)	1750x1200x1120														
Weight (kg)	620														

• More options are available for different system sizes. Please contact a Symtech Solar Sales representative and they will provide you with details and information.

# Solar Energy Systems

## PV Kit Sizes Poly Line

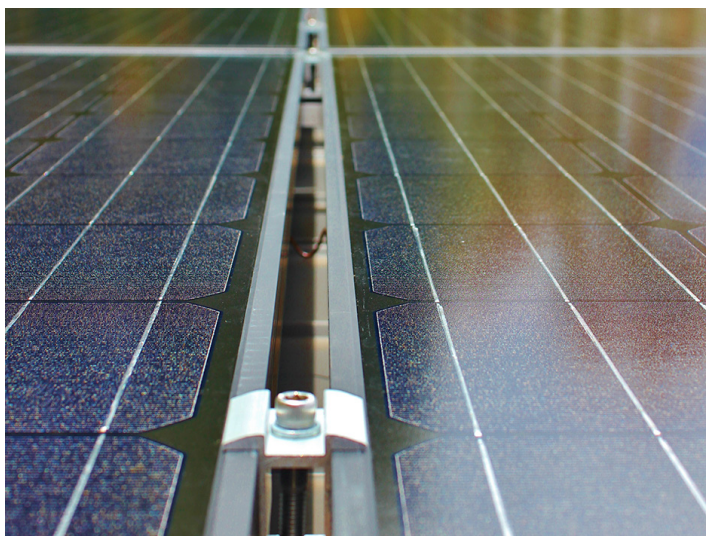
PV Module 230Wp Poly

 <p>STSK-1.38 Grid-Tie PV Kits</p> <p>x 6</p> <p>  </p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-1.38</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>1.38</td> </tr> <tr> <td>No. of Modules</td> <td>6</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>10</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>1380</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x750x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>340</td> </tr> </tbody> </table>	Model No.	STSK-1.38	System size (kWp)	1.38	No. of Modules	6	Roof Space required (m2)	10	PV array DC (Watts)	1380	Box Size (mm)	1750x750x1120	Weight (kg)	340
Model No.	STSK-1.38														
System size (kWp)	1.38														
No. of Modules	6														
Roof Space required (m2)	10														
PV array DC (Watts)	1380														
Box Size (mm)	1750x750x1120														
Weight (kg)	340														
 <p>STSK-1.84 Grid-Tie PV Kits</p> <p>x 8</p> <p>  </p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-1.84</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>1.84</td> </tr> <tr> <td>No. of Modules</td> <td>8</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>13</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>1840</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x750x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>382</td> </tr> </tbody> </table>	Model No.	STSK-1.84	System size (kWp)	1.84	No. of Modules	8	Roof Space required (m2)	13	PV array DC (Watts)	1840	Box Size (mm)	1750x750x1120	Weight (kg)	382
Model No.	STSK-1.84														
System size (kWp)	1.84														
No. of Modules	8														
Roof Space required (m2)	13														
PV array DC (Watts)	1840														
Box Size (mm)	1750x750x1120														
Weight (kg)	382														
 <p>STSK-2.76 Grid-Tie PV Kits</p> <p>x 12</p> <p>  </p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-2.76</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>2.76</td> </tr> <tr> <td>No. of Modules</td> <td>12</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>21</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>2760</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x750x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>340</td> </tr> </tbody> </table>	Model No.	STSK-2.76	System size (kWp)	2.76	No. of Modules	12	Roof Space required (m2)	21	PV array DC (Watts)	2760	Box Size (mm)	1750x750x1120	Weight (kg)	340
Model No.	STSK-2.76														
System size (kWp)	2.76														
No. of Modules	12														
Roof Space required (m2)	21														
PV array DC (Watts)	2760														
Box Size (mm)	1750x750x1120														
Weight (kg)	340														
 <p>STSK-3.68 Grid-Tie PV Kits</p> <p>x 16</p> <p>  </p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-3.68</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>3.68</td> </tr> <tr> <td>No. of Modules</td> <td>16</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>26</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>3680</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x1200x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>535</td> </tr> </tbody> </table>	Model No.	STSK-3.68	System size (kWp)	3.68	No. of Modules	16	Roof Space required (m2)	26	PV array DC (Watts)	3680	Box Size (mm)	1750x1200x1120	Weight (kg)	535
Model No.	STSK-3.68														
System size (kWp)	3.68														
No. of Modules	16														
Roof Space required (m2)	26														
PV array DC (Watts)	3680														
Box Size (mm)	1750x1200x1120														
Weight (kg)	535														
 <p>STSK-4.6 Grid-Tie PV Kits</p> <p>x 20</p> <p>  </p>	<table border="1"> <thead> <tr> <th>Model No.</th> <th>STSK-4.6</th> </tr> </thead> <tbody> <tr> <td>System size (kWp)</td> <td>4.6</td> </tr> <tr> <td>No. of Modules</td> <td>20</td> </tr> <tr> <td>Roof Space required (m2)</td> <td>33</td> </tr> <tr> <td>PV array DC (Watts)</td> <td>4600</td> </tr> <tr> <td>Box Size (mm)</td> <td>1750x1200x1120</td> </tr> <tr> <td>Weight (kg)</td> <td>620</td> </tr> </tbody> </table>	Model No.	STSK-4.6	System size (kWp)	4.6	No. of Modules	20	Roof Space required (m2)	33	PV array DC (Watts)	4600	Box Size (mm)	1750x1200x1120	Weight (kg)	620
Model No.	STSK-4.6														
System size (kWp)	4.6														
No. of Modules	20														
Roof Space required (m2)	33														
PV array DC (Watts)	4600														
Box Size (mm)	1750x1200x1120														
Weight (kg)	620														

• More options are available for different system sizes. Please contact a Symbtech Solar Sales representative and they will provide you with details and information.



## Our PV Kits



Solar PV technology is a leading renewable energy. It's practicality, easy use and fast installation has enabled millions of homes around the world to benefit from the sun and generate clean energy.

## 4 kWp System Reference NH, USA



### Characteristics

PV Array AC Output Annual	4,905 kWh
PV Array Configuration	4x4 Landscape
Roof Space required	26m <sup>2</sup>
Number of Modules	12
Module orientation	0° Solar South (DOL)

HELPING YOU

# Solar Energy Systems

## Environmental Policy



Environment and human protection is not a commercial argument; it is a topic of our own commitment to minimize environmental impact. We believe in the commitment of combining our expertise with our clients' needs and, as a result, passing on system savings to our valued customers.

## It's a team effort



We are convinced that as a team we will succeed in the efficient use of our natural resources by leading future generations to continue sustainable living.



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