



**Gerber Asia**

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## Solar Water Heating

- High Pressure System for 10/12/18 tubes
- 115L Low-pressure System (Non-Pressure)

### Products



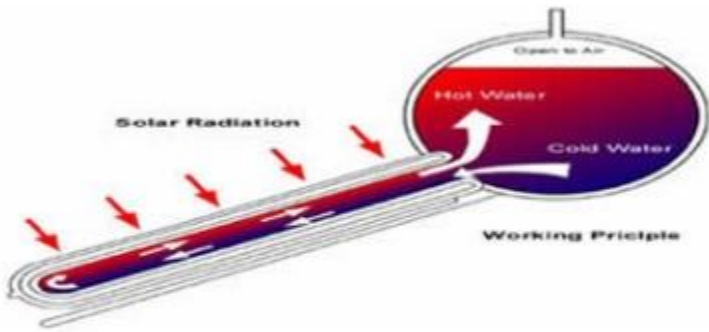


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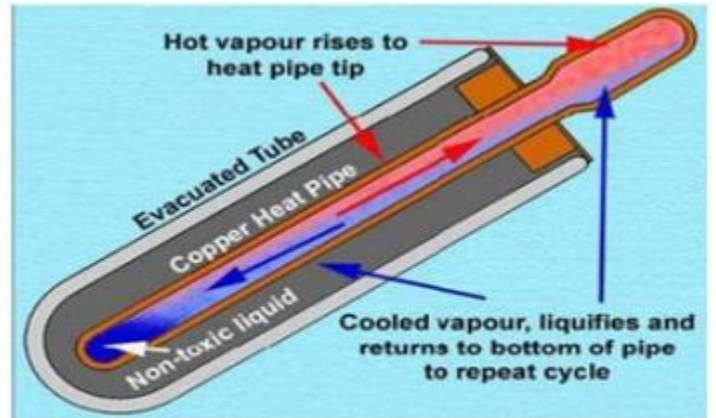
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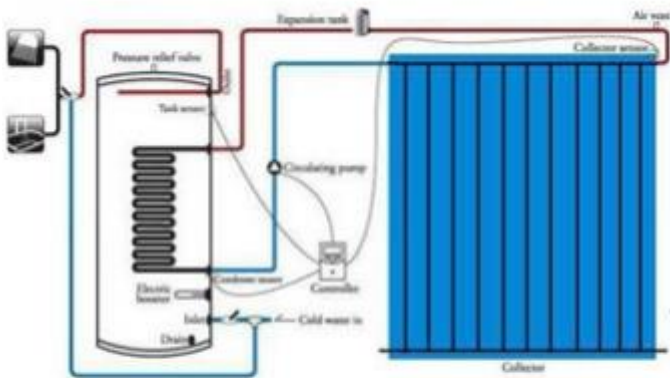
## Product



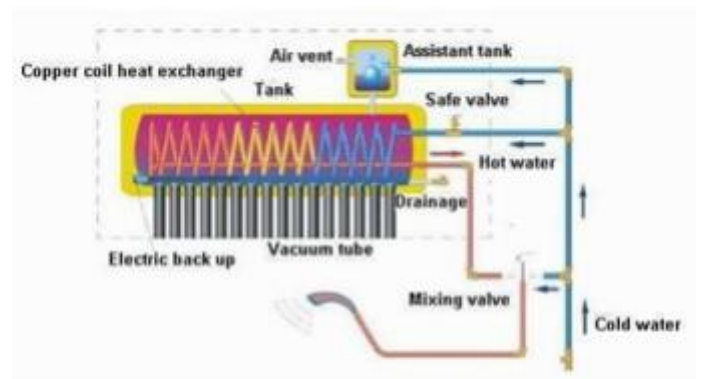
Non-Pressurised Compact System



Heatpipe Technology



Installed Split Indirect Solar System



Pre-Heat Compact pressure Solar System



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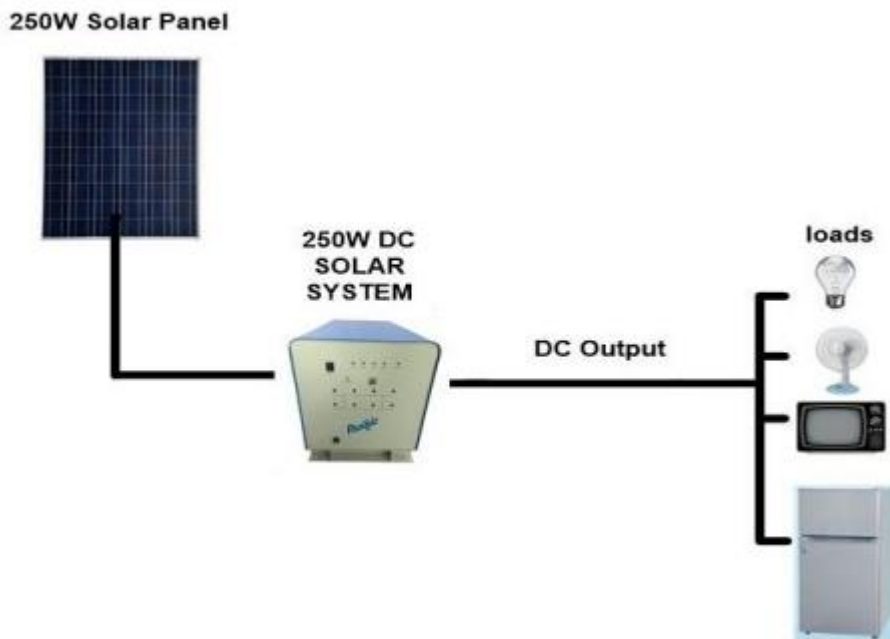
## SOLAR SOLUTIONS

### Technological Solutions

We would like provide you with our 4 products with our Solar Solution

#### Products 1 (DC Power)

250W Solar Home System, this system is more than twice the capacity of other similar systems. The system comes with 8 lights; 2 outdoor IP65 rated lights, 6 indoor lights and Two Plate Gas Stove & a 9kg Gas Cylinder. This option provides the benefits of a heating solution, thus reducing the health & safety risk associated with wood fires. It has the capacity to run a DC Fridge, DC TV, DC TV Decoder, DC Radio, charge a Cell Phone, and 8 lights. The package can include the DC Fridge, DC TV, DC TV Decoder.





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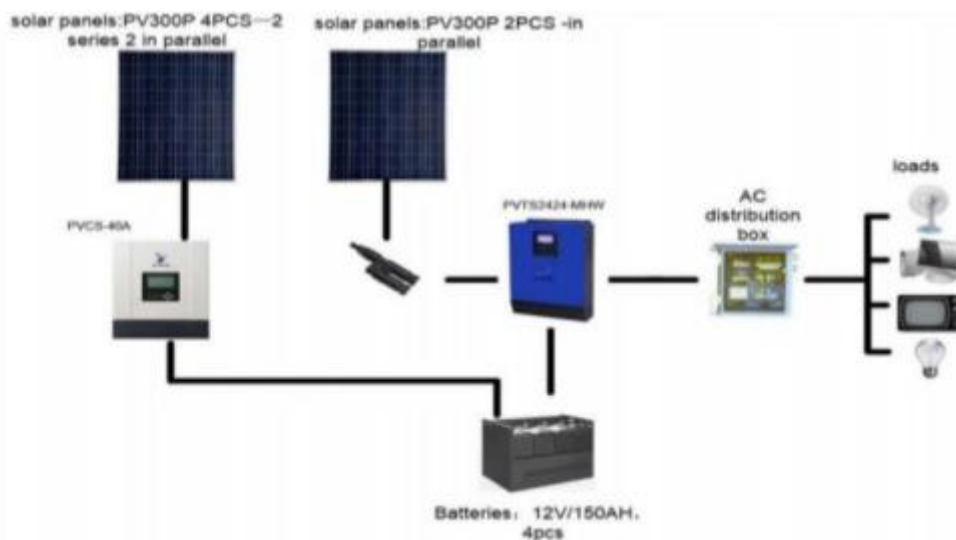
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## Products 2 (3KVA AC Power)

In order for the isolated small town to be able to use products like AC fridges, AC TV's we have put together a small AC solution that provides for 8 Lights, Cell Phone Charging Ports , AC Plugs for TV/Fridges...e.t.c.

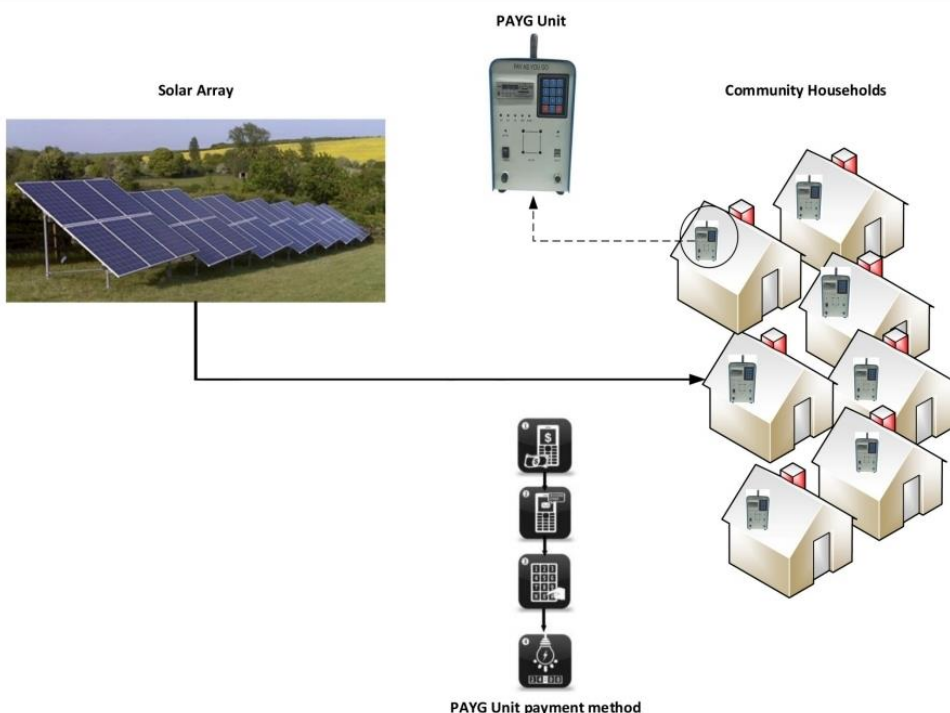
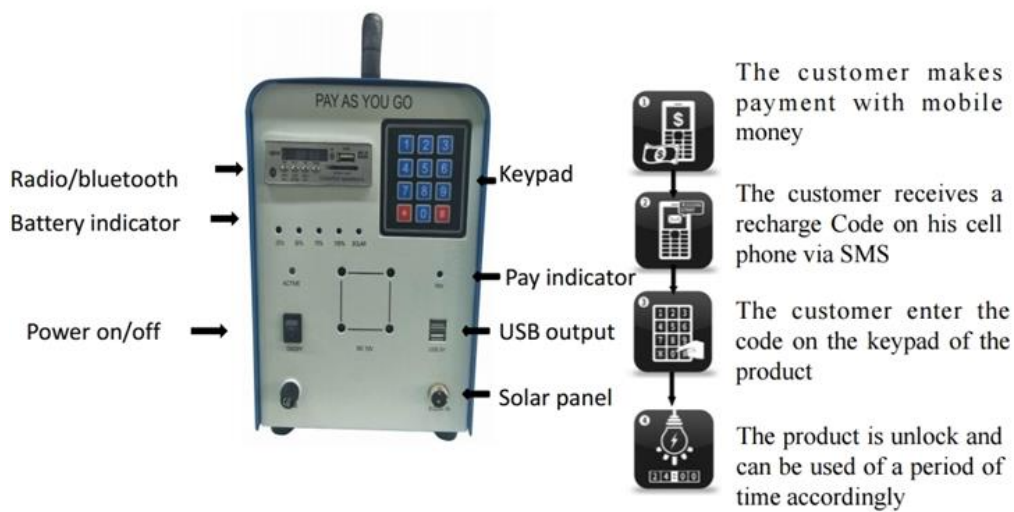
To ensure that the Battery is not drained due to using an AC stove, we would recommend that the cooking is done using gas, for this purpose a Two Plate Stove with a gas canister should be added as part of the installation





## Products 3 (Pay As You Go)

To enable the respective distributor to earn some revenues we currently have a Pay As You Go Solution for Solar Home System. The system work similar to the current electricity purchasing system.





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## Products 4 (Solar High Mast Lights)

One of the biggest concerns the community raised was the challenges of safety due to traveling in very dark areas. As a solution for this challenge we would like to recommend Solar High Mast Lights, an example of how effective Solar High Mast Lights can be in the community is below.





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## Benefits

Providing (sustainable) energy and lighting will not only contribute to safer environments (both in terms of crime and health hazards due to the usage of wood for cooking), but also to the stimulation of micro economic development in these rural households.

Our solutions that are deployed in the remote and rural areas will help reduce pollution as well as limit the impact on our natural resources.

## Contribution to Sustainable Development Goals

### Goal 1: No Poverty

- Access to basic services (electricity)
- Job creation and upliftment in the community

### Goal 2: Quality education

- Affording school children, the opportunity to study and do homework at night when parents are home to assist or explain
- Better lighting in classrooms and facilitation to the use of overhead projectors and energy efficient laptop computers

### Goal 3: Affordable and clean energy

- Provide access to modern, clean, renewable energy for all in developing communities
- Lower carbon emissions due to large reduction of reliance on fossil fuels for heat and lighting

### Goal 4: Sustainable cities and communities

- Reduced carbon emissions and pollution due to kerosene lighting being replaced by clean powered lighting.
- Reduced risk to fire and other health hazards
- Increased safety and crime reduction in communities as a result of proper lighting throughout (in-house and across common areas)

## Conclusion

The above solutions when implemented properly can significantly truly assist with building of the Green Economy.

And, due to the ease of implementation in the hard to reach rural places, the roll out program can be extremely fast.

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