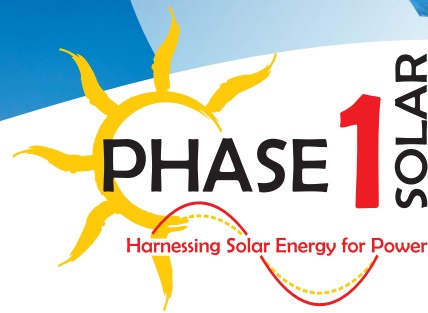


Giving YOU the POWER to Choose



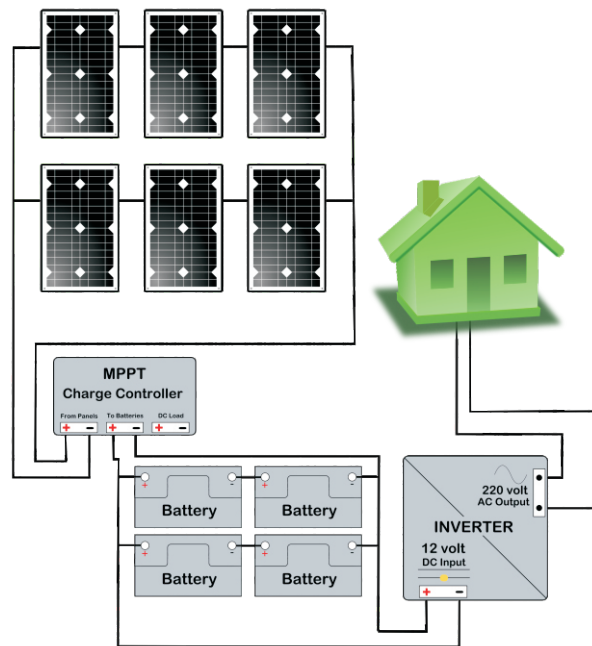
System Specifications	
Total Kilo-Watt Hours/Day	2.5 kWh
Maximum Load Power @ 220V	1.6kW
Number Days Autonomy (Backup Power)	2 Days

Component Specifications		
Description	Qty	Type
Solaire Solar Panels (25 Year Life Span)	4	190W
AC/DC 2kVA 1.6kW Pure Sine Wave Inverter	1	1.6kW
SLX 40A MPPT Controller	1	40A
Solar Deep Cycle Batteries	4	230Ah

These inverters can be connected to the mains. The batteries will be charged by the inverter through the mains connection in case of more than 2 days bad weather.

Never be without electricity again!

Are you tired of being without power when those important sports games are on, when a movie is about to start or simply without lights at night? It's time for you to go green and lower your carbon footprint by switching over to a renewable energy source.



Solar Power Plant

2.5 kWh

Switch to SOLAR POWER

The 2.5kWh Solar Power Plant is ideal for a medium sized home to run it's essential appliances. This power plant produces 2.5kW/hours of electrical power per day. The appliances can also be run slightly longer than the smaller systems with the addition of an electric fan and a standard fridge. The system has been designed so that all appliances can be switched on together without causing a system overload.

Our standard systems have all been designed with 2 full days autonomy, meaning that it has the capacity to run your appliances for 2 full days even when there is no charge from the solar panels.

Pricing includes the solar panels, batteries, chargers and all labour and installation costs of the solar power system. It also includes the solar panel mounting brackets and electrical work to swing your specially selected plugs and lights over to the new solar power plant.

Appliance Usage Guide

Appliance	Qty	Watts	Hours	Total W/h
Lights (CFL)	8	11	1	88
Lights Kitchen (CFL)	1	15	2	30
Outdoor Lights (CFL) on motion sensor	2	15	3	90
Electric Fan	1	50	2	100
Laptop	1	40	2	80
Desktop Printer	1	50	1	50
Cell Phone Chargers	2	12	4	96
DVD Player	1	90	3	270
32" LCD Flat Screen TV	1	120	3	360
Hi-Fi Equipment	1	100	3	300
DSTV / Mnet Decoder	1	30	3	90
Standard Fridge	1	120	8	960

The above values are guidelines only and can be changed to suit your specific requirements.

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