

150W Solar Kit for Basic Lighting.



- ✓ 150 Watts of Solar (1x 150W panels with racking)
- ✓ 1x12Volt 100Ah GEL Batteries with 7 year design life. These batteries are made for the high temperature in Solomons
- ✓ Victron 10Amp PWM solar charge controller
- ✓ 3 lights, USB connection
- ✓ All cables and accessories
- ✓ Comes with warranty
- ✓ **6500 SBD** with pre-assembly. Equivalent to 0.6 units of cashpower per day. Low power items only to be used. Comes with stickers, instruction manuals. Superfly can train community installers as well. 24" TV additional 2400. Small fan additional 240.

Contact Superfly Limited at 8737277 or superflysolomons@gmail.com

270W Solar Kit: See list for Specs



- ✓ 270 Watts of Solar (1x 270W panels with racking)
- ✓ 1x12Volt 100Ah GEL Batteries with 7 year design life. These batteries are made for the high temperature in Solomons
- ✓ Victron 15Amp MPPT solar charge controller
- ✓ Victron 250W Inverter for minor laptop and tablet charging. Occasional small radio use
- ✓ 3 lights, USB connection and fan
- ✓ All cables and accessories
- ✓ Comes with warranty
- ✓ **8,500 SBD** with pre-assembly. Installation optional. Equivalent to 1 units of cashpower per day. Comes with stickers, instruction manuals and training, if installed by Superfly. 24" TV additional 2400.

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540W Solar Kit: See list for Specs

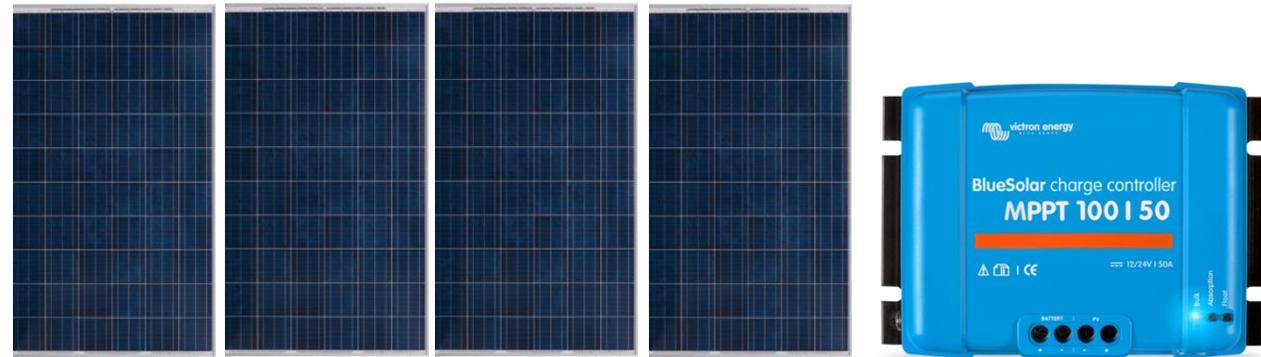


- ✓ 540 Watts of Solar (2x 270W panels with racking)
- ✓ 2x12Volt 100Ah GEL Batteries with 7 year design life. These batteries are made for the high temperature in Solomons
- ✓ Victron 20Amp MPPT solar charge controller
- ✓ Victron 500W Inverter for laptop and tablet charging and radio use
- ✓ 3 lights, USB connection and fan
- ✓ All cables and accessories
- ✓ Comes with warranty
- ✓ **15,500 SBD** with pre-assembly. Installation optional, but recommended.
- ✓ Equivalent to 2 units of cashpower per day. Low power items only to be used
- ✓ Comes with stickers, instruction manuals and training, if installed by Superfly

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1080W Solar Kit: See list for Specs



- ✓ 1080 Watts of Solar (4 panels with racking)
- ✓ 2x12Volt 200Ah GEL Batteries with 7 year design life. These batteries are made for the high temperature in Solomons
- ✓ Victron 50Amp MPPT solar charge controller
- ✓ Victron 1200W Inverter for multiple laptops and tablets charging. Printing with common ink or laser jet printer, radios and communications.
- ✓ 3 lights, USB connection and fan
- ✓ All cables and accessories
- ✓ Comes with warranty
- ✓ **28000 SBD** with pre-assembly. Installation recommended.
- ✓ Equivalent to 4.5 units of cash power per day. Medium level items only to be used. Price for Ministries and Constituencies
- ✓ Comes with stickers, instruction manuals and training, if installed by Superfly



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1650 W Solar Kit. Clinic Power, see list for specs



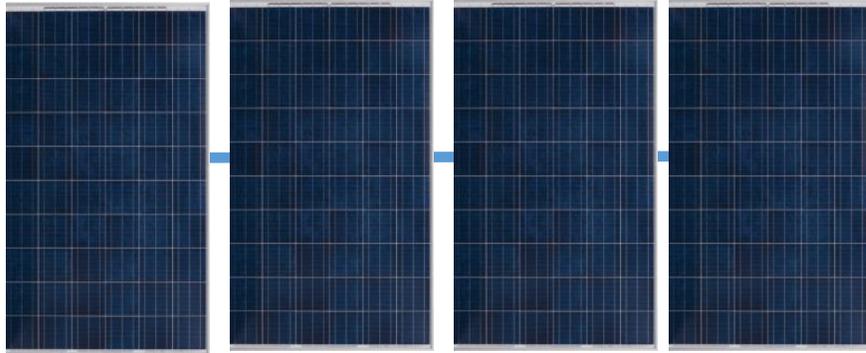
- ✓ 1650 Watts of Solar (6 panels with racking)
- ✓ 4x12Volt 200Ah GEL Batteries with 7 year design life. These batteries are made for the high temperature in Solomons
- ✓ Victron 35Amp 48V MPPT solar charge controller
- ✓ Battery Monitor for load monitoring
- ✓ Victron 48V 3000W Inverter. Same power as general purpose outlet, so can power anything. Good if large power devices need power for short term use, or mainly daytime use
- ✓ All cables and accessories
- ✓ 24 months warranty on kit
- ✓ **62,000 SBD** including installation. Comes with stickers, instruction manuals and training, if installed by Superfly
- ✓ Equivalent to 6 units of cash power per day. Medium level items only to be used, with flexibility to power anything that connects to GPO

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3kW Clinic/Major Facility Design

PV Array of 3.2kW in 4 arrays.
12x 270W panels total



PV DC Breakers 25A
2 for 4 sub-arrays



Battery Monitor



Battery Isolator with inline fuses (100A)



48V Battery Bank, Supergel 330Ah
12 Units of storage per day
7 year design life, 10 year if used responsible
Quality Gel batteries fitim Solo



3kVA EasySolar, includes Solar Charge Controller, 3kVA inverter, AC Distribution Board, Control Panel. Generator/SIEA Connection on AC Distribution board is optional. Remote monitoring is optional

AC power from SIEA or generator to charge batteries after consecutive cloudy days



AC power to facility

Can power a clinic, providing lighting, fans and general purpose power for all common uses. Can also be a mini-grid for 1-2 houses with load controls. It provides daily use of 11kWhs/ 90 SBD of cash power per day. 3000W is also the level of a common general purpose power outlet.

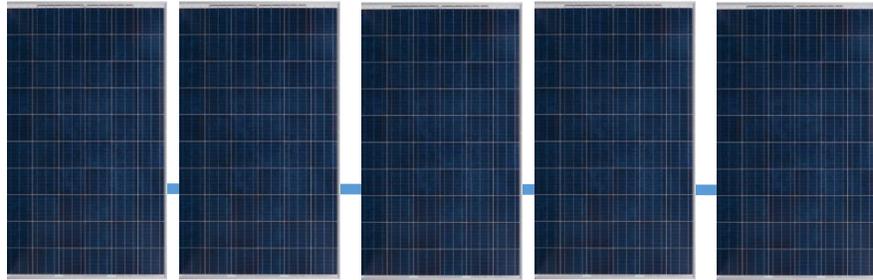
SBD 89,000, Installed Price in Solomons

Includes LED lighting upgrade for existing lights



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PV Array of 5.4kW in 4 arrays.
20x 270W panels total



PV DC
Breakers 25A
2 double
breakers for 4
sub-arrays

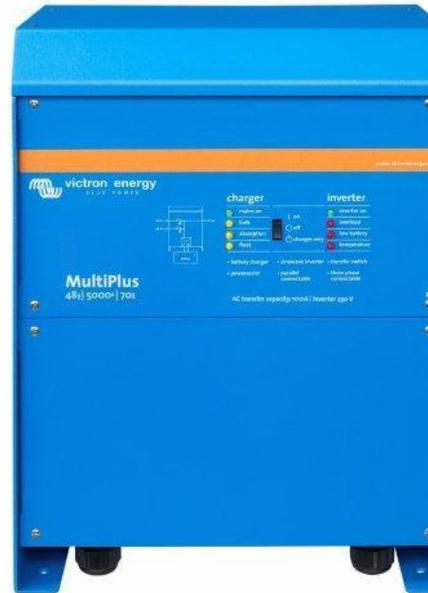


Victron 250V/100A
Smartsolar with screen



5.5kW Clinic/Major Facility Design:

5kVA Multiplus Inverter, remote monitoring optional



AC power from SIEA or generator to charge batteries after consecutive cloudy days



AC power to facility



Battery Monitor



Battery Isolator with inline fuses (160A)



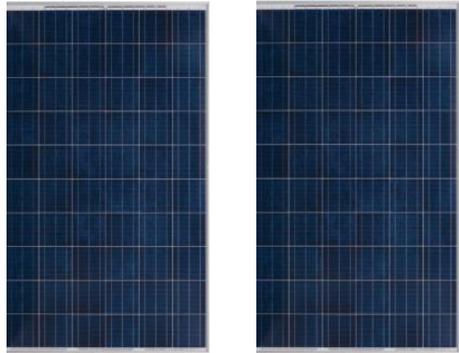
48V Battery Bank, Supergel 660Ah @ C20, 732Ah@C100
20 Units of storage per day.
7 year design life, 10 year if used responsible
Quality Gel batteries fitim Solo

This system provides 20 units of storage per day, or around 140SBD of cash power. It can be for a western style house, a mini-grid for a clinic and nearby staff houses, or a clinic by itself.

SBD 180,000, Installed Price in Solomons. Includes LED lighting upgrade for existing lights.

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170 Litre Solar Freezer Kit



insulation 110mm



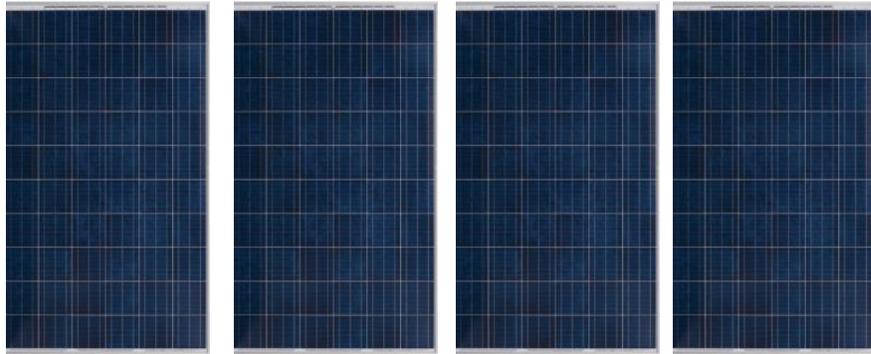
170L



- 170 Litre Solar Freezer Kit with:
- ✓ 500 Watts of Solar (2 panels)
 - ✓ 2x12Volt 100Ah GEL Batteries with 7 year design life. These batteries are made for the high temperature in Solomons
 - ✓ 170L deep freezer with thick insulation
 - ✓ Victron MPPT Charge Controller
 - ✓ Comes with warranty
 - ✓ Price: 21500
- Contact Superfly Limited at 8737277 or superflysolomons@gmail.com

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433 Litre Solar Freezer Kit



433 Litre Solar Freezer Kit with:

- ✓ 1000 Watts of Solar (4 panels)
- ✓ 2x12Volt 200Ah GEL Batteries with 7 year design life. These batteries are made for the high temperatures in the Solomon Islands
- ✓ 433L deep freezer
- ✓ Victron MPPT Charge Controller
- ✓ Comes with warranty
- ✓ Price: 37500

insulation 110mm



433L



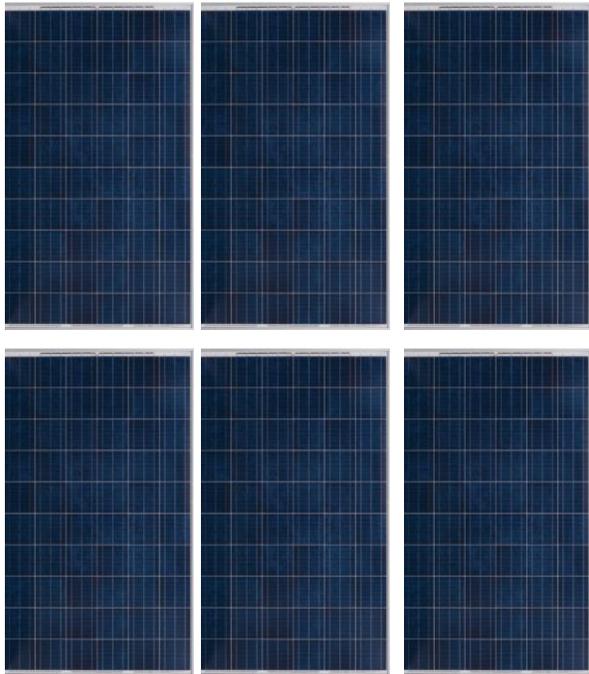
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superflysolomons@gmail.com

Supersize 433L Kit



Supersize 433 Litre Solar Freezer Kit with:

- ✓ 1500 Watts of Solar (6 panels)
- ✓ 4x6Volt 330Ah GEL Batteries with 7 year design life. These batteries are made for the high temperatures in the Solomon Islands
- ✓ 433L deep freezer
- ✓ Good for use in intensive-fishing projects or high-turnover
- ✓ Fan, 3 lights, load centre for phone charging, and 500W inverter included
- ✓ Victron MPPT Charge Controller
- ✓ Comes with warranty
- ✓ Price: 49,000
- ✓ Contact Superfly Limited at 8737277 or superflysolomons@gmail.com

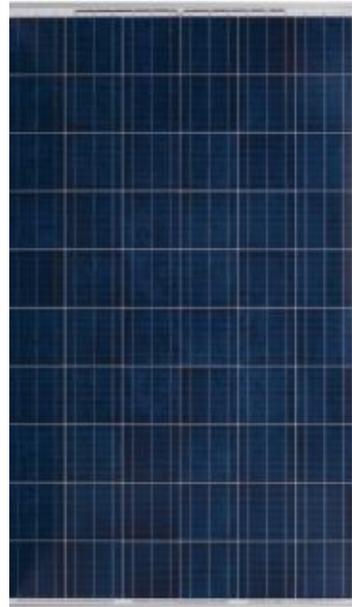


insulation 110mm



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Small Water Pumping Kit

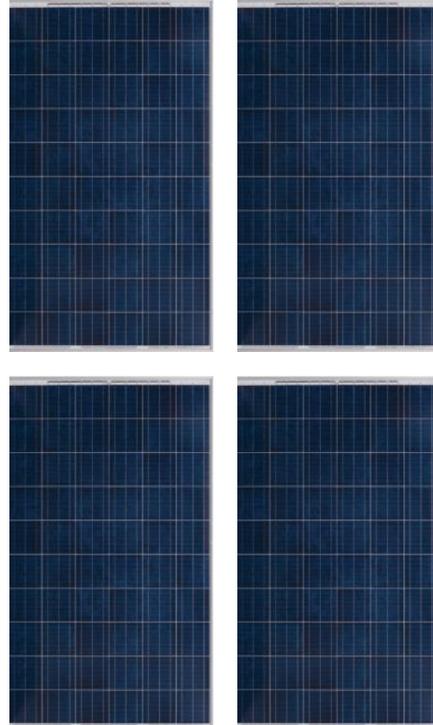


Small Water Pumping Kit with:

- ✓ 250 Watts of Solar with racking and 6M of Solar Cable
- ✓ Jintai JS3-1.3-50 DC Solar Water Pump kit with pump, controller and cable
- ✓ Jintai solar pumps are used widely around the world, and in Solomon Islands. A trusted supplier for solar pumps!
- ✓ Can pump 17 litres per minute from depth of 20M. Equal to 5000L per day
- ✓ Price 10500 SBD

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Medium Water Pumping Kit



Medium Water Pumping Kit with:

- ✓ 1000 Watts of Solar with racking, cable splitters and 10M of Solar Cable
- ✓ Jintai JS3-2.1-120 DC Solar Water Pump kit with pump, controller and cable
- ✓ Jintai solar pumps are used widely around the world, and in Solomon Islands. A trusted supplier for solar pumps!
- ✓ Can pump 30 litres per minute from depth of 35M. Equal to 10,000L per day
- ✓ Price 26000 SBD

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