

SOLAR SYSTEM PORTFOLIO

Compiled for
Victoria Falls Estate
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Solar System Options

These systems are for guideline prices for the equipment based on a typical household power consumption. As your individual requirements may vary considerably, we would welcome the opportunity to discuss your needs and offer the best solution for you. Our experienced team can provide a full service from consultation to design and installation, using only reputable suppliers, quality equipment and industry best practice for installation and safety.

All systems have the capability to start with inverter and batteries only. Panels can be added at a later stage if required.

A. THE YARD					
2 Bedroom Apartments					
	Inverter	Battery	Kilowatt Peak of Solar	US\$ Estimate (Full System)	Details Page
Option 1	3kVA/24-Volt Hybrid Inverter	4.8kWh Lithium Iron Phosphate	2400Wp	5 000	3
B. THE YARD, CONTOURS, NARINA					
2 – 3 Bedroom Houses, Small Properties. Option A from above or					
	Inverter	Battery	Kilowatt Peak of Solar	US\$ Estimate (Full System)	Details Page
Option 1	5kVA/48-Volt Hybrid Inverter	10.2kWh Lithium Iron Phosphate	4800Wp	8 800	4
Option 2	5kVA/48-Volt Victron Inverter	10.2kWh Lithium Iron Phosphate	4800Wp	11 500	4
Option 3	8kVA/48-Volt Victron Inverter	15.3kWh Lithium Iron Phosphate	7200Wp	17 700	4
C. CONTOURS, NARINA, DRIFTWOOD					
3+ Bedroom Houses, Larger Properties. Any options from A and B above or					
	Inverter	Battery	Kilowatt Peak of Solar	US\$ Estimate (Full System)	Details Page
Option 1	10kVA/48-Volt Victron Inverter	25kWh Lithium Iron Phosphate	9600Wp	24 500	5
Option 2	15kVA/48-Volt Victron Inverter	35.7kWh Lithium Iron Phosphate	14 400Wp	34 000+	5

IMPORTANT

Due to market fluctuations prices are subject to change at short notice. Prices include VAT but exclude shipping and installation. E&OE

DETAILS

All systems can start with inverter and batteries only. Panels can be added at a later stage if required. Larger systems can be installed for the Yard and Contours, however available roof space may limit the number of panels that can be installed.

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A, THE YARD

Option 1

System Price Estimate:

Full System US\$ 5 000

Without Panels US\$ 3 650

3kVA/24-Volt Hybrid inverter
(1-year manufacturers guarantee)

6 x 400 Watt Solar panels ~ 2400 Watt peak
(Number of panels may be limited by available
roof space)

4.8kWh Lithium-iron phosphate battery

This system has the potential to generate
10kWhrs of energy with peak loads of 2.4kW

	Quantity
(1) 3kVA Hybrid Inverter system	
Internal LED Lights	5
Security Lights	2
Fridge Small	1
Deep Freezer (A++) Small	1
Fans	1
TV (42 inch)	1
DSTV	1
Wi Fi	1
Laptop	1
Phone Charging	2

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B. CONTOURS, NARINA

Option 1

System Price Estimate:

Full System US\$ 8 800

Without Panels US\$ 6 000

5 kVA/48-Volt Hybrid inverter
(1-year manufacturers guarantee)

12 x 400 Watt Solar panels ~ 4800 Watt peak

10.2kWh Lithium-ion phosphate battery

This system has the potential to generate
20kWhrs of energy with peak loads of 4kW.

(1) 5kVA Hybrid Inverter System	Quantity
Internal Lights	5
Security Lights	2
Fridge Small	1
Deep Freezer (A++) Small	1
Washing Machine Top Loader Small	1
Fans	1
TV (42 inch)	1
DSTV	1
Wi Fi	1
Laptop	1
Phone Charging	2

Option 2

System Price Estimate:

Full System US\$ 11 500

Without Panels US\$ 7 500

5 kVA/48-Volt Victron Energy inverter
(5-year manufacturers guarantee)

12 x 400 Watt Solar panels ~ 4800 Watt peak

10.2kWh Lithium-ion phosphate battery
(Expandable)

This system has the potential to generate
20kWhrs of energy with peak loads of 4kW.

(2) 5kVA Victron Inverter system	Quantity
Internal Lights	5
Security Lights	2
Fridge Freezer Upright	1
Deep Freezer (A++) Small	1
Washing Machine Top Loader	1
Fans	3
TV (42 inch)	1
DSTV	1
Wi Fi	1
Laptop	1
Phone Charging	2
Esybox Mini Booster Pump	1

Option 3

System Price Estimate:

Full System US\$ 17 700

Without Panels US\$ 12 500

System Specifications:

8 kVA/48-Volt Victron inverter
(5-year manufacturers guarantee)

18 x 400Watt Solar panels ~ 7200 Watt peak

15.3kWh Lithium-ion phosphate battery
(Expandable)

This system has the potential to generate
30kWhrs of energy with peak loads of 6kW.

(3) 8kVA Victron Inverter System	Quantity
Internal Lights	10
Security Lights	4
Fridge Large Double Door	1
Deep Freezer (A++) Small	1
Bar Fridge	1
Washing Machine Top Loader	1
Fans	3
TV (42 inch)	1
DSTV	1
Wi Fi	1
Laptop	1
Phone Charging	2
Esybox Booster Pump	1
Small Air conditioner Inverter type (Lounge Only Daytime)	1

C. CONTOURS, NARINA AND DRIFTWOOD

Any of the preceding options for The Yard and Contours, or the following:

All systems can start with inverter and batteries only. Panels can be added at a later stage if required.

Option 1

System Price Estimate:

Full System US\$ 24 500

Without Panels US\$ 16 700

10 kVA/48-Volt Victron Energy inverter
(5-year manufacturers guarantee)

24 x 400 Watt Solar panels ~ 9600 Watt peak

25kWh Lithium-ion phosphate battery

This system has the potential to generate
40kWhrs of energy with peak loads of 8kW.

(1) 10kVA Victron Inverter System	Quantity
Internal Lights (Energy Saver)	10
Security Lights (Energy Saver)	4
Fridge Large Double Door	1
Deep Freezer (A++) Small	1
Bar Fridge	1
Washing Machine Top Loader	1
Fans	6
TV (42 inch)	1
DSTV	1
Wi Fi	1
Laptop	1
Phone Charging	2
Esybox Booster Pump	1
Small Air conditioner Inverter type (Lounge Only Daytime)	1
Small Air conditioner Inverter type (Bedroom Only Night time)	1

Option 2

System Price Estimate:

Full System US\$ 34 000+

Without Panels US\$ 22 500

15 kVA/48-Volt Victron Energy inverter
(5-year manufacturers guarantee)

36 x 400 Watt Solar panels ~ 14 400 Watt peak

35.7kWh Lithium-ion phosphate battery

This system has the potential to generate
60kWhrs of energy with peak loads of 12kW.

(2) 15kVA Victron Inverter System	Quantity
Internal Lights (Energy Saver)	10
Security Lights (Energy Saver)	4
Fridge Large Double Door	1
Deep Freezer (A++) Small	1
Bar Fridge	1
Washing Machine Top Loader	1
Fans	6
TV (42 inch)	1
DSTV	1
Wi Fi	1
Laptop	1
Phone Charging	2
Esybox Booster Pump	1
Small Air conditioner Inverter type (Lounge Only Daytime)	1
Small Air conditioner Inverter type (Bedroom Only Night time)	3

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