

Components: 1. PV array, 2. SUNNY BOY, 3. SUNNY ISLAND, 4. Batteries, 5. Diesel generator, 6. Wind turbine system



Free Energy from the Sun

Hybrid Solar Systems

- Hybrid Solar PV systems combine independence from the Grid with off grid PV and cost effectiveness and savings of Grid Tie PV
- Use energy directly from the sun during the day without having to use batteries.
- Only use battery power during the night, power failures or during Load Shedding
- Hybrid solar is the latest solar technology and is cheaper than going completely off grid!
- When Eskom permits, Electricity can be sold back to the grid.
(This is not permissible yet.)

Starter Hybrid Kit 680W

Lights, TV, DSTV

AHYB001



Components :

1 x 3000W Inverter Charger + Built-in MPPT 48V

4 x 170W CIS Solar Module

4 x 100AH 12V Battery

Small Hybrid Kit 2040W

Lights, TV, DSTV, Fridge/Freezer Combo

AHYB002



Components :

1 x 3000W Inverter Charger + Built-in MPPT 48V

12 x 170W CIS Solar Module

8 x 100AH 12V Battery

Medium Hybrid Kit 3400W

AHYB003

Lights, TV, DSTV, Fridge/Freezer Combo, Hi-Fi, Microwave, PC
Washing Machine, Hair Dryer



Components :

1 x 3000W Inverter Charger + Built-in MPPT 48V

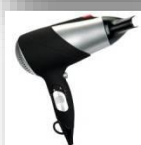
20 x 170W CIS Solar Module

12 x 100AH 12V Battery

Small Hybrid House 4760W

AHYB004

Lights, TV, DSTV, Fridge/Freezer Combo, Washing Machine or Iron, Hair Dryer, Fan x 3, PC, Home Theatre



Components :

2 x 3000W Inverter Charger + Built-in MPPT 48V

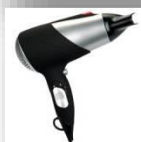
28 x 170W CIS Solar Module

12 x 200AH 12V Battery

Medium Hybrid House 6460W

AHYB005

Lights, TV, DSTV, Fridge/Freezer Combo, Washing Machine and Iron, Hair Dryer, Fan x 3, PC, Home Theatre, Alarm, Modem



Components :

2 x 3000W Inverter Charger + Built-in MPPT 48V

38 x 170W CIS Solar Module

16 x 200AH 12V Battery

Custom Design and Installed Off-Grid, Grid-Tie and Hybrid Systems up to MW scale

Our Custom Designs on Solar PV solutions are done by our own in-house Solar PV Specialists. These systems can be used for your Development, Business, Farm or Mine.

Depending on the size of your project we either use our brands imported from only the most renowned manufacturers or we custom built to your specifications.

Custom designs can be done for any system from any size up to the MW scale.

Nothing is too small or too Big.

