



# Free Energy from the Sun

## Off Grid Systems



### Starter Kit (Non Modular) 500W

Lights, TV, DSTV



**AOG001**

#### Components :

- 1 x 2400W Inverter Charger + Built-in MPPT 24V**
- 2 x 250W Poly Solar Module**
- 4 x 100AH 12V Battery**

## Small Kit (Non Modular) 1500W

Lights, TV, DSTV, Fridge/Freezer Combo



**AOG002**

**Components :**

**1 x 2400W Inverter Charger + Built-in MPPT 24V**

**6 x 250W Poly Solar Module**

**8 x 100AH 12V Battery**

## Starter Kit (Modular) 680W

Lights, TV, DSTV



**AOG003**

**Components :**

**1 x 4000W Inverter Charger + Built-in MPPT 48V**

**4 x 170W CIS Solar Module**

**4 x 100AH 12V Battery**

## Small Kit (Modular) 1530W

Lights, TV, DSTV, Fridge/Freezer Combo



**AOG004**

**Components :**

**1 x 4000W Inverter Charger + Built-in MPPT 48V**

**9 x 170W CIS Solar Module**

**8 x 100AH 12V Battery**

## Small House (Modular) 2210W

**AOG005**

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



**Components :**

**1 x 4000W Inverter Charger + Built-in MPPT 48V**

**13 x 170W CIS Solar Module**

**8 x 200AH 12V Battery**

## Medium House (Modular) 3740W

**AOG006**

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



**Components :**

**2 x 4000W Inverter Charger + Built-in MPPT 48V**

**22 x 170W CIS Solar Module**

**12 x 200AH 12V Battery**

# Notes Regarding Off Grid Systems :

## 1 – Non Modular

These systems can not be increased in size.

## 2 – Modular

\*These systems can be increased in size by adding inverters, panels and batteries if the need arises.

\*Each Inverter can take 3000Wp of Solar Modules (60A)

\*Each inverter can produce a max output of 4000W

\*A Max of 6 x inverters can be used in parallel for 24KW capacity

\*Likewise 6 x inverters can take 3000Wp x 6 (18000Wp) Panels Max

\*4000W Inverter can be used in 3 Phase. (Max 4KW / Phase)

\*All inverters have built in AC battery chargers to use grid as back-up to charge batteries or generator to charge batteries.

\*Off Grid Systems are not supplied with wiring kits or other accessories for installation.

