



# SOLAR ENERGY SOLUTIONS CATALOGUE

Electrify the World



# EcoPower Liberia

Clean & Renewable Energy Solutions

## CONTACTS

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### Address:

EcoPower Liberia

R2 Community Robertsfield Highway,

Paynesville City, Liberia

Meets Lighting Global  
Qualify Standards  
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**Omnivoltaic**







# Solar Lantern

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### Specifications (Model: L190)

Solar Panel: 2.4 watts

Battery: Lithium NMC

Light: 3 brightness levels

Features: Available on Pay-As-You-Go, water resistant

Warranty: 2 years

### Performance

- High brightness ; 190 lumens for 5.9 hours (day charge) and 6.3 hours (full charge)
- Medium brightness : 94 lumens for 12 hours
- Low brightness : 25 lumens for 36 hours



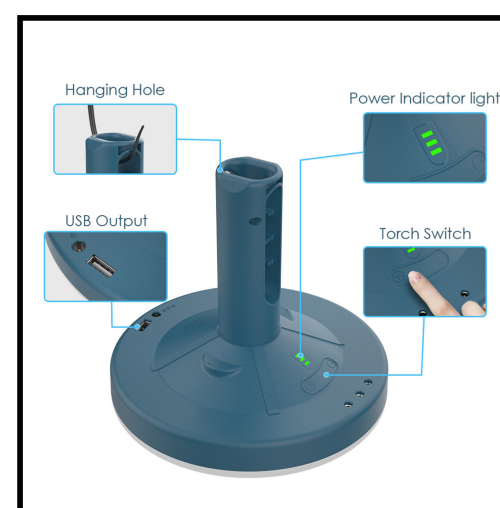
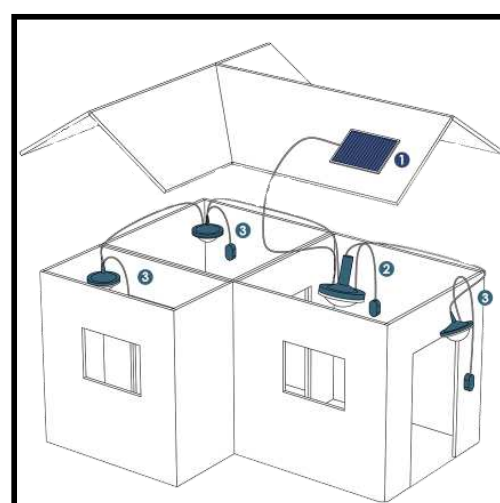
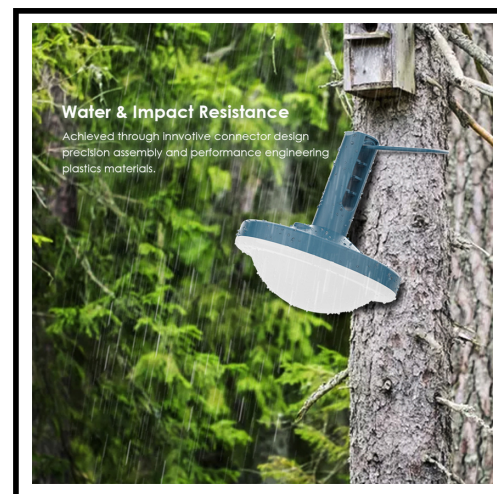
### Specifications (Model: M400X\_KEYP\_RD)

6 watts solar panel, Lithium NMC battery, 3 brightness levels, available on Pay-As-You-Go

Warranty: 2 years

### Lighting Performance

After one day charge	High	Medium	Low
Main lamp	210	80	32
2*secondary lamp	112	56	25
Run time (hours)	5.8	11	31
After the radio is fully charged			
Main lamp	210	80	32
2*secondary lamp	112	56	25
Run time (hours)	4.6	9	24



### Specifications (Model: M600X\_KEYP\_RD)

12 watts solar panel, Lithium NMC battery, 3 brightness levels, available on Pay-As-You-Go,

Warranty: 2 years

### Lighting Performance

After one day charge	High	Medium	Low
Main lamp	317	159	32
3*secondary lamp	112	56	25
Run time (hours)	7.8	15	47
After the radio is fully charged			
Main lamp	317	159	32
3*secondary lamp	112	56	25
Run time (hours)	7	14	43

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# Solar Home System

## Electrify the World

**HS2-  
230\_LT55555555\_KEYP\_EX3333\_TC3333**



**Power:**

75w crystalline solar panel with 5m cable,  
230wh Lithium Iron Phosphate battery with digital display

**Appliance**

8\*515 lumen tube light

Remote control torch

**Note:**

After one day charging, the tube lights can work 7.7hours

2 years warranty

Available in Pay-As-You-Go

**Power:**

20w crystalline solar panel with 5m cable,  
72wh Lithium Iron Phosphate battery with digital display

**Appliance**

2\*515 lumen tube light, 32lumen torch

2\* cordless electric hair cutters

**Note:**

After one day charging, both hair cutters and tube lights can work  
for 5.2hours, torch can work for 5hours

2 years warranty on light pack

Available in Pay-As-You-Go

**HS2-72\_LT55\_HC55\_KEYP**



**HS2-  
230\_SL2\_LT55555\_TV32\_SRF\_KEYP\_EX33  
3\_TC333**



**Power:**

75w crystalline solar panel with 5m cable,  
230wh Lithium Iron Phosphate battery with digital display

**Appliance**

5\*515 lumen tube light, 32lumen torch

1\*32inch TV with integrated decoder

2w motion sensor security light

**Note:**

After one day charging, torch and tube lights can work 5hours,  
security light can work whole night, then TV can work around 9-  
10.7hours

2 years warranty on light pack

Available in Pay-As-You-Go

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# Omnivoltaic







# Solar Home System

## Electrify the World

**HS2-  
538\_LB22\_SL2\_LT5\_CSA5555\_KEYP\_EX33  
\_TC33**



**Power:**

162w crystalline solar panel with 5m cable,  
538wh Lithium Iron Phosphate battery with digital display

**Appliance**

1\*515 lumen tube light, 32 lumen torch  
2\*200 lumens LED bulb, 200 lumen motion security light  
2\*mobile phone charging stations with multi-cell phone charging cables

**Note:**

After one day charging, it can fully charge around 70pcs 1500mAh cellphones, bulbs and torch can work 5hrs, the security light can work the whole night

2 years warranty on light pack

Available in Pay-As-You-Go

**Power:**

50w crystalline solar panel with 5m cable,  
144wh Lithium Iron Phosphate battery with digital display

**Appliance**

3\*200 lumen LED bulb, 32lumen torch  
1\*16 inch pedestal fans

**Note:**

After one day charging, fan can work for 19.3 hours on 2nd speed,  
the lights can work 5 hours, torch can work 5 hours

2 years warranty on light pack

Available in Pay-As-You-Go

**HS2B-144\_LB222\_SF\_KEYP**



**SPSF-16-300BL**



**Power:**

20w crystalline solar panel with 5m cable,  
Built-in Lithium Iron phosphate battery

**Appliance**

1\*16inch fan with 5 speed levels and built-in battery

**Note:**

After one day charging, the fan can work 5.5 - 25hours  
accordingly on different speed level

1 year warranty

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# Solar Productive Utility

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### HS2B-230\_LT5\_SEWB\_KEYP

**Power:**

110w crystalline solar panel with 5m cable,  
230wh Lithium Iron Phosphate battery with digital display

**Appliance**

1\*515 lumen tube light, 32 lumen torch  
1\*metallic sewing machine with 60 stitch patterns and a  
presser foot pedal

**Note:**

After one day charging, sewing machine can continue work for  
9hours

2 years warranty on light pack

Available in Pay-As-You-Go

**Power:**

75w crystalline solar panel with 5m cable,  
230wh Lithium Iron Phosphate battery with digital display

**Appliance**

1\*Public Address Amplifier with trolley design

**Note:**

After one day charging, the public amplifier can work around  
12hours

1 years warranty on light pack

Available in Pay-As-You-Go

### HS2A-230\_PA\_KEYP



### OE2A-11110AA

**Power:**

375w crystalline solar panel with 5m cable,  
1075wh Hybrid Energy Storage System battery with digital  
display

Inverter: 1000w rated power, 1300w peak power  
4 AC outputs, 10 USB outputs, 2 DC outputs

**Note**

1 year warranty on light pack

Available in Pay-As-You-Go and GPRS enabled

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# Usage Scenarios

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## How to a Torch



## How to Clean Solar Panel



use a clean wet soft cloth to wipe your solar panels



we recommend cleaning at least once a week

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# OmniVoltaic

