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Ulitium Solar Home Concept



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Features

Switch Position			
Light Output	240 Lumen (40w)	120 Lumen (20w)	25 Lumen (4.16w)
Energy Storage	60 kJ (16.66 w)		
Energy Consumption	10 kJ/h (2.77w)	5 kJ/h (1.38w)	1 kJ/h (0.27 w)
Light Hours	6 Hours	12 Hours	60 Hours
Light Output Loss*	7% after 5 years 15% after 10 years	4% after 5 years 7% after 10 years	2% after 5 years 4% after 10 years
Storage Capacity Loss **	24% after 5 years 49% after 10 years	12% after 5 years 24% after 10 years	2% after 5 years 5% after 10 years

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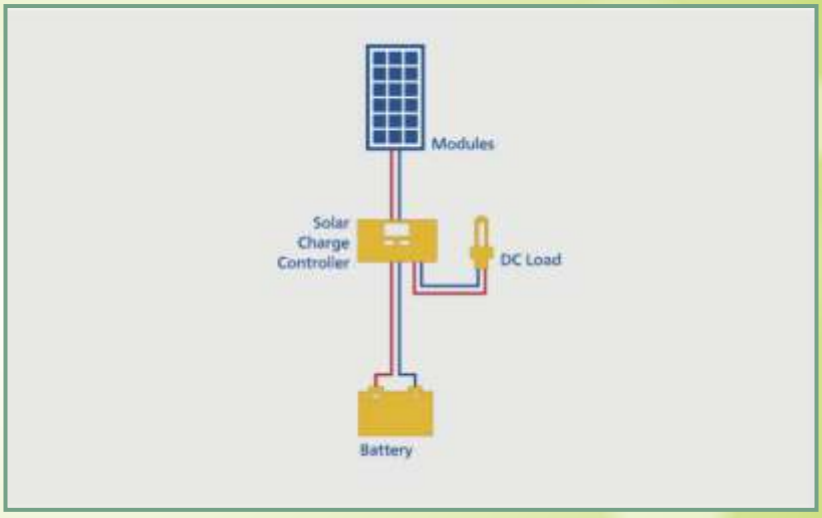

System diagram

Competitor's Solar Home Systems Applications

- Home uses
- Holiday uses
- Garage lighting

- Recreational uses
- Centralised storage of the energy
- Limited expandability

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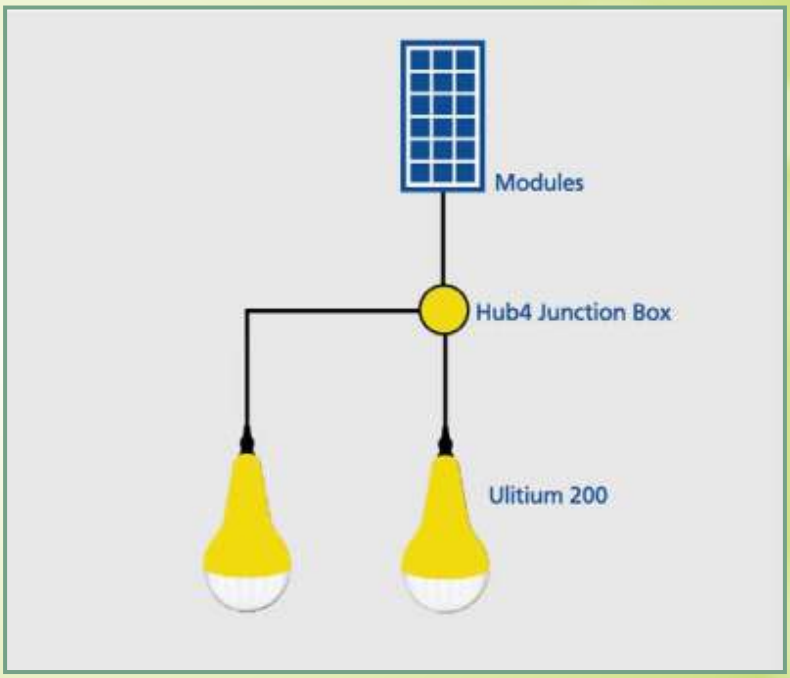

Applications and characteristics

- Home uses
- Holiday uses
- Garage lighting

- Recreational uses
- Centralised storage of the energy
- Unlimited expandability

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Technical Data Ulitium

- Integrated Charger and Lithium-ion Battery
  Light Output : 240 Lm (40w) @ Step 1
  120 Lm (20w) @ Step 2
  25 Lm (4.16w) @ Step 3
- Step 1 comparable to 40 W incandescent bulb or 7 W fluorescent lamp
- Energy Consumption : 10 kJ/h @ 240 Lm (2.77w)
- Energy Storage Capacity : 60 kJ (16.66w)
- Light Life : up to 18 years
- Available in 6 different colors (green, blue, red, yellow, black, white)
- Available in different "Takeaway Kits"

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Ulitium Lamps



STV (15"/19")



LEC Module



Ulitium Lightkit



Hub4 Junction Box



Bayonnet Cable

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Competitor's Solar Home System





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Competitor's Solar Home System

Components needed

- Solar Module
- Solar Charge Controllre
- Battery
- Cable
- Load
- Lamp-holder

Tools needed

- Screwdrivers
- Crimping tools
- Cable sleeves
- Cutter knife
- Side cutter
- ...



IN OUR ULITIUM DOMESTIC LIGHT KITS NONE OF THE ABOVE TOOLS OR COMPONENTS ARE REQUIRED

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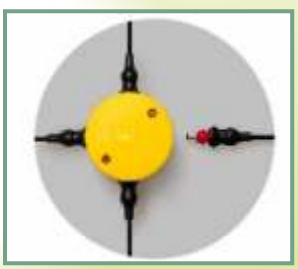
User-friendliness – Ulitium Solar Home System

Components needed

- Ulitium Kit 1 (including)
  - Ulitium 200
  - Solar Module
  - Bayonnet cable
  - Hub4 Junction Box

Tools needed

- None…





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Manufactured by :

Sundaya International Pte Ltd. Indonesia

www.sundaya.com

Imported, Assembled and Marketed in India By :

OM ENGG TECHNOLOGIES PRIVATE LIMITED

Coimbatore - 641 035, Tamilnadu.
Website : www.oetpl.com

Contact Nos.
+91 - 98429 46778
+91 - 96552 20352
+91 - 98430 60709
Land Line : 0422 - 2915644, 2363903

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